

IMPORTANT.—This advance copy is forwarded on condition that the information contained herein shall not be published or broadcast before Wednesday, 20th December, 1978.

LLOYD'S REGISTER OF SHIPPING

CASUALTY RETURN

**MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,
DURING THE QUARTER ENDED 31st MARCH, 1978
(as reported up to 30th November, 1978)**

For the purpose of this Return, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has been subsequently broken up.

Ships which have been declared constructive total losses but which are undergoing or have undergone repairs during the quarter do not appear in this Return.

NOTE: *It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 31st March, 1978".*

Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71 Fenchurch Street, London, EC3M 4BS.

71 FENCHURCH STREET, LONDON, EC3M 4BS.

December, 1978

TABLE 1—SHIPS TOTALLY LOST, BR

Flag	MERCHANT FLEETS AS RECORDED IN STATISTICAL TABLES 1977		Foundered		Missing		No.
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
ARGENTINA	401	1,677,169	1	188	...	...	...
BELGIUM	271	1,595,489	...	...	...	...	...
CHINA, PEOPLE'S REPUBLIC OF	622	4,245,446	...	...	...	...	...
TAIWAN, PROVINCE OF	443	1,558,713	1	350	...	...	1
CYPRUS	800	2,787,908	1	1,705	...	...	...
DENMARK	1,407	5,331,165	1	164	...	...	...
ECUADOR	55	197,244	...	...	...	...	...
FAROE ISLANDS	172	57,110	...	...	...	...	...
FINLAND	337	2,262,095	...	...	...	...	1
FRANCE	1,327	11,613,859	...	...	...	...	...
GERMAN DEMOCRATIC REPUBLIC	447	1,486,838	...	...	...	...	...
GERMANY, FEDERAL REPUBLIC OF	1,975	9,592,314	3	1,286	...	...	...
GREECE	3,344	29,517,059	6	15,745	1	499	6
GUYANA	70	16,274	...	...	...	...	...
ICELAND	375	166,702	...	...	...	...	1
INDIA	566	5,482,176	2	21,982	...	...	1
INDONESIA	1,032	1,163,173	1	376	...	...	...
IRAN	193	1,002,061	...	...	...	...	...
ITALY	1,690	11,111,182	1	936	...	...	...
JAPAN	9,642	40,035,853	7	1,835	...	...	1
KOREA (SOUTH)	1,042	2,494,724	...	...	1	237	...
KUWAIT	226	1,831,194	...	...	...	...	...
LEBANON	163	227,009	...	...	...	...	1
LIBERIA	2,617	79,982,968	...	...	...	...	1
NETHERLANDS	1,254	5,290,360	1	461	...	...	...
NORWAY	2,738	27,801,471	1	420	...	...	...
PANAMA	3,267	19,458,419	9	22,630	...	...	1
SAUDI ARABIA	119	1,018,713	...	...	...	...	...
SEYCHELLES	10	59,140	1	7,920	...	...	...
SINGAPORE	872	6,791,398	3	8,090	...	...	...
SPAIN	2,726	7,186,081	1	143	...	...	2
SWEDEN	728	7,429,394	...	...	...	...	...
U.S.S.R.	8,167	21,438,291	...	...	...	...	...
UNITED ARAB EMIRATES	85	152,100	...	...	...	...	...
UNITED KINGDOM	3,432	31,646,351	...	...	...	...	...
UNITED STATES OF AMERICA	4,740	15,299,681	1	199	...	...	2
URUGUAY	45	192,792	...	...	...	...	...
YUGOSLAVIA	459	2,284,526	...	...	...	...	...
WORLD TOTAL	67,945	393,678,369	41	84,430	2	736	18

The percentage proportion of the world fleet totally lost during the March Quarter, 1978, was 0.15% of ships and 0.12% of gross tonnage.

MARCH 1978

OPEN ... DURING THE FIRST QUARTER 1978

Month	Tons Gross	Wrecked		Lost, etc.		Total Lost		Broken up, etc.		Flag
		No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
						1	188	1	7,634	ARGENTINA
						...	...	1	12,544	BELGIUM
						...	...	...	...	CHINA, PEOPLE'S REPUBLIC OF
						2	655	1	7,305	TAIWAN, PROVINCE OF
						4	4,306	9	54,252	CYPRUS
						2	295	...	...	DENMARK
	131	1	700	...	...	1	700	...	...	ECUADOR
		1	412	...	...	1	412	...	...	FAROE ISLANDS
						1	1,217	...	...	FINLAND
		1	12,224	...	...	1	12,224	3	72,798	FRANCE
						1	1,744	...	...	GERMAN DEMOCRATIC REPUBLIC
	1,744	...	...	...	...	3	1,286	1	8,162	GERMANY, FEDERAL REPUBLIC OF
		8	118,289	1	9,481	25	206,871	18	228,711	GREECE
	1,961	1	301	...	...	1	301	...	...	GUYANA
						1	150	...	...	ICELAND
						4	35,173	1	5,552	INDIA
						1	376	...	...	INDONESIA
						...	...	1	10,866	IRAN
		1	348	...	...	3	10,918	2	993	ITALY
	9,634	3	2,594	...	...	11	5,340	91	248,417	JAPAN
		3	811	...	...	4	1,048	...	...	KOREA (SOUTH)
						...	...	1	4,138	KUWAIT
		1	961	...	...	2	2,098	1	1,852	LEBANON
		2	112,399	...	...	3	122,365	22	451,590	LIBERIA
						1	461	2	19,708	NETHERLANDS
		2	798	...	...	3	1,218	...	...	NORWAY
		2	3,231	1	743	13	31,335	29	268,071	PANAMA
						...	...	1	7,593	SAUDI ARABIA
						1	7,920	...	...	SEYCHELLES
						3	8,090	2	17,270	SINGAPORE
	790	1	392	...	...	5	2,843	4	21,747	SPAIN
						...	...	2	24,480	SWEDEN
						...	...	3	25,135	U.S.S.R.
						...	...	1	1,662	UNITED ARAB EMIRATES
		1	372	...	...	1	372	9	50,115	UNITED KINGDOM
						3	8,712	10	65,997	UNITED STATES OF AMERICA
						...	...	1	5,163	URUGUAY
		1	3,133	...	...	1	3,133	...	...	YUGOSLAVIA
101%	14,260	32	259,566	3	11,097	103	471,751	217	1,621,755	WORLD TOTAL

% of ... portion of the world fleet broken up, etc., not consequent upon casualty was 0.32% of ships and 0.41% of tonnage.

STEAMSHIPS AND MOTORSHIPS

(Listed in alphabetical order of ship name, excluding ships of less than 100 tons gross)

DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

EXPLANATIONS OF CONTRACTIONS

FLAG

ALB = Albania	ELS = El Salvador	JAM = Jamaica	QAT = Qatar
ALG = Algeria	ETH = Ethiopia	JOR = Jordan	RUM = Romania
ARG = Argentina	FAR = Faroe Islands	JPN = Japan	SAF = South Africa
AST = Australia	FIJ = Fiji	KEN = Kenya	SAU = Saudi Arabia
AUS = Austria	FIN = Finland	KMP = Kampuchea	SEN = Senegal
BAH = Bahamas	FRA = France	KRS = Korea (South)	SIE = Sierra Leone
BBD = Barbados	GAB = Gabon	KUW = Kuwait	SNG = Singapore
BDI = Burundi	GAM = Gambia	LBY = Libya	SOL = British Solomon Islands
BER = Bermuda	GBI = United Kingdom	LEB = Lebanon	SOM = Somali Republic
BLG = Belgium	GDR = German Democratic Republic	LIB = Liberia	SPN = Spain
BLZ = Belize	GFR = Germany, Federal Republic of	MAL = Malaysia	SRI = Sri Lanka
BMA = Burma	GHA = Ghana	MAU = Mauritania	STV = St. Vincent
BNG = Bangladesh	GIB = Gibraltar	MDV = Maldive Islands	SUD = Sudan
BRN = Bahrain	GRC = Greece	MEX = Mexico	SWD = Sweden
BRZ = Brazil	GRE = Grenada	MGY = Madagascar	SWZ = Switzerland
BUL = Bulgaria	GUA = Guatemala	MON = Monaco	SYR = Syria
BVI = British Virgin Islands	GUI = Guinea	MOR = Morocco	TAN = Tanzania
CAN = Canada	GUY = Guyana	MTA = Malta	THA = Thailand
CAY = Cayman Islands	HAI = Haiti	NHB = New Hebrides	TON = Tonga
CHL = Chile	HKG = Hong Kong	NIC = Nicaragua	TRI = Trinidad & Tobago
CHR = China, People's Rep. of	HON = Honduras	NIG = Nigeria	TRK = Turkey
CHT = Province of Taiwan	HUN = Hungary	NOR = Norway	TUN = Tunisia
CMN = Cameroon	ICL = Iceland	NTH = Netherlands	UAE = United Arab Emirates
COL = Colombia	IDA = Indonesia	NZL = New Zealand	URG = Uruguay
CON = Congo	IND = India	PAK = Pakistan	USA = United States of America
COS = Costa Rica	IRN = Iran	PAN = Panama	USR = U.S.S.R.
CUB = Cuba	IRP = Irish Republic	PAR = Paraguay	VEN = Venezuela
CYP = Cyprus	IRQ = Iraq	PER = Peru	VNM = Vietnam
CZE = Czechoslovakia	ISR = Israel	PHI = Philippines	YAR = Yemen Arab Republic
DEN = Denmark	ITL = Italy	PNG = Papua New Guinea	YPR = Yemen, People's Dem. Rep. of
DOM = Dominican Republic	IVC = Ivory Coast	POL = Poland	YUG = Yugoslavia
ECU = Ecuador		PTG = Portugal	ZAI = Zaire
EGY = Egypt			

DESCRIPTION

c = Composite
f = Ferro-concrete
gt = Gas Turbine

irn = Iron
m. = Motorship
rp. = Reinforced plastic

s. = Steamship
(T) = Oil Tanker
w = Wood

Note—Unless otherwise stated, all steamships and motorships were of steel construction

Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ACHILLEAS 1949	496	GRC	m. cargo	Milos Island— Larnacca	Ballast	1½ miles off Paphos after developing serious crack in engine room in heavy weather.	13th Mar.
ANNA GRAEBE ... 1961	487	GFR	m. cargo	Hamburg— London	Bulk fertilizer	Capsized in heavy weather in the North Sea in approximately lat. 52 42N., long. 03 42E., on 11/12th January; subsequently sank.	13th Jan.
BLESSE 1964	388	SNG	m. cargo	Anderton— Pasajes	Scrap iron	20 miles S. of Ar-men buoy off Ile de Sein in approximately lat. 47 45N., long. 04 55W., after developing list in heavy weather.	26th Feb.
CAPETAN CHRISTOS 1960	999	GRC	m. cargo	... ..	...	S.E. of Cape Passero, Sicily, in lat. 36 31 42N., long. 15 14 06E., whilst in tow after taking water.	22nd Jan.

Continued

MARCH 1978

Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
CAPETAN PANAGIS ... 1952	475	GRC	m. cargo	Piræus—Stomion, Crete	Lime & machinery	Sprang leak and sank S.W. of Milos Island in lat. 36 28 00N., long. 23 31 30E.	16th Feb.
CATLYA ... 1936	376	IDA	m. cargo	Surabaya—Cirebon	Ballast	2 miles off Jepara.	11th Mar.
CHANDRAGUPTA ... 1963	21635	IND	m. bulk carrier	Portland, Columbia River—Iran	Grain	Reported foundered 1000 miles N.W. of Hawaiian Islands in approximately lat. 37 00N., long. 165 00W., in heavy weather.	6th Jan.
CHIDORI MARU No. 78 1969	349	JPN	m. fishing	... ..	...	Off Shioyama.	17th Mar.
CHITA 2... 1958	1991	PAN	m. cargo	Hong Kong—Singapore	General	Reported foundered in the South China Sea, 600 miles from Hong Kong.	19th Mar.
CHOEI MARU No. 3 1969	148	JPN	m. cargo	Minato, Awaji Island—Hakata	Roofing tiles	Off Chinoshima, 18 miles N.N.E. of Hakata; subsequently raised, taken to Kure and broken up.	4th Mar.
DAE WANG No. 203 ...	184	PAN	m. stern trawler	... ..	...	Presumed to have foundered off Mauritania in approximately lat. 23 22N., long. 16 41W., in heavy weather.	30th Mar.
DAIKICHI MARU No. 25 1965	299	JPN	m. tanker	... ..	...	Off Shioyama.	17th Mar.
DAMAYANTI ...	347	IND	w.m. cargo	Bombay—Dubai & Salalah	General	Sprang leak and sank off Surat in heavy weather.	9th Jan.
DESPINA ... 1948	1705	CYP	m. cargo	Aden—Comoro Islands & Dammam	Bagged rice, unsullied tanks & glasswool	Presumed to have foundered in the Gulf of Aden after generator failure and engine room flooded.	16th Mar.
DIMITRIOS M. ... 1957	906	PAN	m. cargo	Kalamata—Tripoli	Steel bars	180 miles E. of Malta in heavy weather.	3rd Mar.
DOROTHEOS T ... 1953	1503	GRC	m. cargo	Italy—Yemen Arab Republic	General	Sprang leak in lat. 38 50N., long. 20 19E., in heavy weather and taken in tow; subsequently sank in lat. 39 06 00N., long. 20 19 30E.	22nd Mar.
DUENDE ... 1944	143	SPN	m. tug	... ..	...	Reported foundered off Sines, Portugal.	7th Mar.
EASTERN SATURN ... 1955	7563	PAN	m. cargo	Bangkok—Lagos	Rice	Sprang leak S.W. of Sao Tome Island in lat. 00 20S., long. 05 50E., and presumed to have foundered.	10th Feb.
EISHIN MARU No. 5... 1962	199	JPN	m. sand carrier	... ..	...	Off Kokodai Lighthouse, Hodojima Tsukumi, Ohita, in heavy weather.	21st Mar.
ELBE ... 1958	500	GFR	m. cargo	Struer—Poole	Rye	W. of Texel Island in lat. 53 09 38N., long. 04 31 40E., in heavy weather.	26th Mar.
EVELPIDIS ERA ... 1962	10421	GRC	m. bulk carrier	Nagoya—Kushiro	Rock salt	Sprang leak and sank off Hokkaido in lat. 41 34N., long. 143 48E., in heavy weather.	16th Jan.
FEANG ... 1956	420	NOR	m. cargo	Stavanger—Kristiansand S.	Fodder	Sprang leak and sank S.W. of Lille Presteskjer Light, near Ana-Sira.	1st Feb.
FUKUTOKU MARU No. 8 1968	342	JPN	m. cargo	Naoshima—Kanda	Cement materials	Last reported by radio at 1600 hours on 16th February in the Inland Sea off Bisan Seto and presumed to have foundered.	16th Feb.
HERMANN-HELENE ... 1965	299	GFR	m. cargo	Frederiksværk—Duisburg	Iron	N. of Vlieland in approximately lat. 54 14 23N., long. 06 53 24E., in heavy weather.	12th Jan.

Continued

MARCH 1978

Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
HIGHLY No. 6 —	350	CHT	m. fishing	... ..	...	W. of Cape Town in lat. 36 04S., long. 02 14E., whilst in tow following machinery failure.	5th Mar.
HOLMAR I 1954	461	NTH	m. cargo	Sunderland— Cuxhaven	Sprats	30 miles N.E. of Flamborough Head after cargo shifted in heavy weather.	11th Jan.
HORNGDAR MARINE 1962	3078	PAN	m. cargo	Bangkok— Kaohsiung	Logs	In the Macassar Strait in lat. 03 00S., long. 116 35E., after taking water.	22nd Jan.
HUMANITY ACE 1960	1595	PAN	m. cargo	... ..	...	180 miles off Singapore in approximately lat. 02 00N., long. 106 45E., after taking water and developing a list.	27th Feb.
KATRINA 1943	3445	PAN	m. cargo	Singapore— Madras	Palm & coconut oil in drums & chemicals	In the Bay of Bengal in lat. 08 01N., long. 90 33E., in heavy weather.	6th Feb.
KING DRAGON I 1957	1599	PAN	m. cargo	Samarinda— ...	General	Sprang leak and sank in the Macassar Strait in lat. 01 20S., long. 117 29E.	6th Feb.
KOSEI MARU 1963	199	JPN	m. cargo	... ..	...	Off Ikeshima, Nishisonogi-gun, Nagasaki.	20th Jan.
MARIA DORMIO 1945	936	ITL	m. cargo	Baia—Porto Empedocle	Pozzolana	Sprang leak and sank in the Tyrrhenian Sea 56 miles S.W. of Capo Miseno in heavy weather.	3rd Feb.
MARLEN 1951	1851	GRC	m. cargo	Aegion—Nigeria	General	Sprang leak and sank off Agadir in heavy weather.	21st Jan.
MARTIN FIERRO 1966	188	ARG	m. trawler	... ..	...	S.E. of Mar del Plata in lat. 38 34 28S., long. 56 54 30W.	11th Mar.
MIGNON 1970	164	DEN	m. trawler	... ..	...	Sprang leak 110 miles off Aberdeen, taken in tow but sank W. of Esbjerg.	25th Feb.
MUNDSBERG 1954	4710	SNG	m. cargo	Barranquilla— Manta	Cement	Sprang leak, broke in two and sank 70 miles off Tumaco in lat. 02 49N., long. 79 50W.	31st Jan.
NATHALIE D. 1953	2269	PAN	m. cargo	Castellon—Skikda	Bagged cement	Sprang leak and sank off Cape Bougaroni, Algeria, in lat. 37 32N., long. 05 41E.	12th Mar.
OCEAN ROYAL 1957	7920	SEY	m. cargo	Hong Kong— Salalah	General	Sprang leak and sank off Sri Lanka in approximately lat. 05 43 42N., long. 80 33 30E.	26th Jan.
PARI PASSU 1954	199	USA	m. fishing	... ..	...	Capsized and sank 57 miles E. of Accomac in lat. 37 36 30N., long. 74 33 30W.	27th Feb.
RYUYU MARU No. 5... 1966	299	JPN	m. fishing	... ..	...	Off Shiogama.	28th Mar.
WATI 1971	2992	SNG	m. cargo	Moji—Davao	Cement	Off Kyushu in approximately lat. 31 52N., long. 128 54E., in heavy weather.	21st Jan.

Missing

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
DONG WON No. 35 ... 1962	237	KRS	m. fishing	... ..	...	Sailed from Port Louis on 4th January; last contacted by wireless on 18th January, 1978, in lat. 14 00S., long. 61 00E., and not since heard of.	...
KAPETANIOS 1956	499	GRC	m. cargo	Alexandria— Piræus	Ballast	Sailed from Alexandria on 22nd March for Piræus; last reported on 23rd March and not since heard of.	...

Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ANDRIA 1957	10493	GRC	s. cargo	... ..	Ballast	Damaged by fire 2 miles off Manora breakwater, Karachi; subsequently taken to Gadani and sold for breaking up.	23rd Jan.
ARCAMARE 1959	9002	GRC	m. cargo	Ymuiden— Shanghai	Iron ore	Caught fire and sank off Cabo Villano in lat. 43 46 48N., long. 08 27 18W.	23rd Mar.
CASSIOPEIA 1973	16400	GRC	m. oil/ chemical tanker	Guayanilla— Cartagena	Ballast	Damaged by explosions and fire N.E. of Santa Marta in approximately lat. 12 55N., long. 72 55W; subsequently sank in lat. 12 49N., long. 73 05W., on 23rd February.	22nd Feb.
DIAMOND FRUIT ... 1951	4731	PAN	m. cargo	Kobe— Kaohsiung	General	Extensively damaged by fire in Keelung harbour and sank on 4th January; subsequently raised and broken up.	3rd Jan.
EURABIA SEA 1958	1137	LEB	m. cargo	Piræus—Jeddah	Marble tiles on pallets & iron mesh	Caught fire in engine room 25 miles S. of Santorin Island in lat. 36 03N., long. 25 43E; subsequently reported developed serious list and presumed to have sunk.	5th Feb.
EVA MARIA 1971	9966	LIB	m. cargo	San Juan, P.R.— Veracruz	General in containers & explosives	Sank after explosions and fire in the Gulf of Mexico 300 miles N.E. of Veracruz in approximately lat. 22 52N., long. 92 44W.	26th Jan.
HARRY L. ALLEN ... 1910	6945	USA	s. bulk carrier	... ..	...	Extensively damaged by fire at Duluth when burning grain elevator collapsed onto vessel; subsequently sold and broken up.	21st Jan.
IRENES BANNER ... 1958	7802	GRC	m. cargo	Constanza— Port Harcourt	Cement	Extensively damaged by fire in engine room whilst at Dawes Island anchorage; subsequently beached.	19th Jan.
JAGAT PADMINI ... 1958	12318	IND	m. bulk carrier	Casablanca— Bombay	Rock phosphate	Extensively damaged by fire 30 miles S. of Cape Passero, Sicily, in approximately lat. 36 06N., long. 15 39E; subsequently towed to Valletta and thence to Cartagena, Spain, sold and broken up.	6th Jan.
JON AGUST 1960	150	ICL	m. fishing	... ..	...	Extensively damaged by fire outside Gardhskagi, Keflavik; subsequently towed into harbour and broken up.	31st Jan.

Continued

MARCH 1978

Burnt—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
KYOSEKI MARU No. 1 1968	911	JPN	m. liquefied gas carrier	Sakaide— Kawasaki	Propane	Extensively damaged by fire in Harima Nada, off Shodoshima; subsequently towed to Sakaide, Shikama and thence to Aioi, sold and broken up.	14th Jan.
MARBEL 1967	1317	SPN	m. stern trawler	... ..	...	Damaged by explosion 4 miles W. of Cabo Silleiro; subsequently stranded, broke in two and sank at Las Cies Islands on 28th January.	27th Jan.
MARGARET L... .. 1972	1568	USA	m. fishing	... ..	...	Caught fire and sank W. of Costa Rica in lat. 08 10N., long. 94 45W.	7th Mar.
MILOS 11 1948	1338	GRC	m. cargo	Chalkis—El Wej	Cement	Sank after explosion in engine room 15 miles N.E. of Port Said in lat. 31 37N., long. 32 34E.	5th Mar.
MONTECELO 1960	201	SPN	m. trawler	... ..	...	Caught fire 230 miles W. of Ushant in lat. 48 50N., long. 10 00W; subsequently sank in lat. 47 55N., long. 08 40W., on 29th January.	27th Jan.
PAVLOS V 1951	15861	GRC	m. tanker	Wilhelmshaven— Milazzo	Ballast	Damaged by explosion and fire 25 miles W. of Marettimo Island in lat. 38 00N., long. 11 30E., taken in tow and beached 1 mile off Trapani on 12th January; subsequently sank in lat. 38 02 42N., long. 12 30 00E., on 6th February.	11th Jan.
SHIN HUN MOU No. 62 1974	305	CHT	m. fishing	... ..	...	Caught fire in engine room in lat. 37 20S., long. 06 20E; subsequently sank in lat. 34 40S., long. 11 00E., on 25th March.	23rd Mar.
VIKING 2 1940	1217	FIN	m. ferry	At Mariehamn	...	Burnt out whilst laid up at Mariehamn.	11th Feb.

Collision

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
CHRISSI... .. 1944	1427	GRC	m. tanker	Perama— Piræus Roads	Fuel oil	Partially submerged after collision with HOLSTENSAND off Psittalia; subsequently sank in lat. 37 56 36N., long. 23 35 06E., on 7th February.	10th Jan.
KRONOS 1942	234	GRC	s. tug	... ..	...	Crushed between quay wall and POSEIDON at Piræus after POSEIDON had been struck by ROMANZA; subsequently sold for breaking up.	23rd Mar.
LORENZO D'AMICO 1948	9634	ITL	m. cargo	Leghorn— Vancouver	General	Extensively damaged when struck by SEALIFT CHINA SEA (T) while berthed at Terminal Island, Los Angeles; subsequently sold, taken to Kaohsiung and broken up.	15th Jan.
MANOLA TORO ... 1972	790	SPN	m. cargo	Tenerife— Barcelona	Containers	Sank after collision with ISLA DE MENORCA 7 miles S. of Europa Point in approximately lat. 35 59N., long. 05 14W., in poor visibility.	11th Mar.
POSEIDON 1935	300	GRC	s. tug	... ..	...	Cut in two and sank after being struck by ROMANZA whilst moored at Piræus; subsequently salvaged and to be sold for breaking up.	23rd Mar.

Continued

MARCH 1978

Collision—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
SEEADLER ... 1965	1744	GDR	m. cargo	... ..	...	Sank after collision with INZHENER NECHIPORENKO off the Russian Baltic coast in dense fog.	31st Mar.
SINNE NORDFISK ... 1959	131	DEN	m. fishing	... ..	...	Sank after collision with OLIVER TWIST 4 miles S. of Ven Island in lat. 55 49 06N., long. 12 42 02E., in dense fog.	28th Feb.

Wrecked

(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AEGIS LEADER ... 1966	40709	GRC	m. tanker	Singapore Roads—Bandar Mahshahr	Ballast	Stranded off Sabang, N. Sumatra., in lat. 06 03 40N., long. 95 06 40E., after machinery breakdown; subsequently refloated, towed to Singapore and thence to Kaohsiung, sold and broken up.	21st Mar.
ALCHIMIST EMDEN 1971	1599	CYP	m. chemical tanker	Santander—Huelva	Chemicals	On rocks at Cambelas beach, N. Ericeira, Portugal, in lat. 39 04 18N., long. 09 25 18W., in rough seas.	15th Feb.
AMOCO CADIZ ... 1974	109700	LIB	m. tanker	Kharg Island—Europoort	Crude oil	On Men Goulven rocks off Port-sall, Brittany, in lat. 48 35 20N., long. 04 42 50W., after steering failure in heavy weather; subsequently broke in three.	16th Mar.
ASAHI FUJI MARU ... 1971	1981	JPN	m. cargo	Senzaki—Minamata	Limestone	Touched bottom and sank at Kurenose, Kagoshima, in lat. 32 40N., long. 130 10E.	17th Jan.
BEN HEILEM ... 1961	372	GBI	m. trawler	... ..	...	Struck unidentified object in Husinish Bay, Isle of Harris and beached in lat. 57 59N., long. 07 06W; subsequently sank on 29th January.	28th Jan.
BOUBOULINA ... 1939	389	CYP	m. cargo	Limassol—Tripoli, Libya	Ballast	Struck rock and sank 90 miles off Benghazi.	5th Jan.
BUGOYFISK ... 1976	299	NOR	m. stern trawler	... ..	...	Stranded off Makkaur Light, N. Norway; subsequently capsized and sank on 6th January.	5th Jan.
CIPRIANI ... 1972	301	GUY	m. cargo	Teperu, Mazaruni River—Georgetown, Guyana	Crushed stone	Struck wreck and sank in Esse-quito River in lat. 06 53 51N., long. 58 12 23W., after engine breakdown.	17th Mar.
DARWIN ... 1930	700	ECU	m. cargo	Guayaquil—Galapagos Islands	General	Struck submerged object and sank in Guayas River in lat. 02 27 12S., long. 79 51 06W.	23rd Mar.
ELBA FERRY ... 1929	348	ITL	m. ferry	Naples—Carloforte	...	Stranded near Cavoli Island, Cape Carbonara; subsequently sank on 27th March.	20th Mar.
FUSHENG ... 1961	2840	PAN	m. cargo	... ..	...	Off Taitung in lat. 22 14 06N., long. 120 53 04E., after engine failure; to be broken up.	19th Jan.
GLOBAL HOPE ... 1960	22944	GRC	m. tanker	At Salem, Mass.	Heating oil	Stranded at Salem, Massachusetts, in lat. 42 31 48N., long. 70 50 18W., after dragging anchor in heavy weather; subsequently refloated, towed to Boston and thence to Brownsville and sold for breaking up.	6th Feb.
HOLMUR ... 1929	412	FAR	m. cargo	Faroe Islands—N. Iceland	Salt	At Olafsfjordur, N. Iceland.	30th Mar.

Continued

MARCH 1978

Wrecked—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
KYRA ELENI 1949	2032	GRC	m. cargo	Laurium— Bourgas	Ballast	Stranded and sank S. of Gaidaro Island, Cape Sounion, in heavy weather.	6th Jan.
LISA 1964	2699	LIB	m. cargo	Tampa— Guayaquil	Phosphate rock	Off Isla de Providencia in approximately lat. 13 24 08N., long. 81 19 05W., after springing a leak; subsequently broke in two.	17th Feb.
MARIA THERESA ... 1958	12070	GRC	m. tanker	Shuaiba—Karachi	Diesel oil	Stranded in Karachi harbour; subsequently refloated, taken to Gadani Beach and broken up.	17th Feb.
MIKASA MARU No. 1 1964	192	JPN	m. fishing	... ..	...	Stranded and sank off Izu Island.	2nd Feb.
MIMO 1957	961	LEB	m. cargo	Beirut— Alexandria	Grain	Stranded at Qiryat Hayyim Beach, Haifa Bay, after developing engine trouble and dragging anchor; subsequently refloated, taken out to sea and scuttled.	20th Jan.
NAM HAI No. 231 ... 1965	159	KRS	m. fishing	... ..	...	Off Suva harbour entrance.	14th Mar.
NEW SHIN YOUNG ... 1960	519	KRS	m. cargo	Mukho— Samchunpo	Anthracite	In approximately lat. 36 03 00N., long. 129 35 35E.	18th Jan.
NIMOS 1950	2095	GRC	m. cargo	Jeddah— Port Sudan	Cars	At Towartit Anchorage, 14 miles S.E. of Port Sudan, in lat. 19 29N., long. 37 23E.	21st Mar.
PANTELIS A. LEMOS 1973	35545	GRC	m. bulk carrier	Flushing— Dampier	Ballast	Stranded and caught fire off Saldhanna Bay in fog; subsequently broke in two.	17th Mar.
PORT NAVALO ... 1954	12224	FRA	m. tanker	Havre— River Gironde	Gasoil	Stranded in River Gironde in heavy weather, refloated and towed to La Pallice; subsequently sold, towed to Bilbao and broken up.	12th Jan.
RAMALBERT 1936	391	PAN	m. cargo	Freetown—Banjul	Kolanuts & general	Off Kafantin, River Casamance, Senegal, after engine failure.	31st Jan.
RIG CHIEF 1974	499	NOR	m. tug/supply	Skudenes— Haugesund	Drilling equipment	Stranded and sank off Skare Treboen, N. of Haugesund, in heavy weather.	22nd Mar.
SARBO 1957	2396	GRC	m. cargo	Pascagoula— Puerto Cortes	Fertilizer in bulk	20 miles E. of Belize City in approximately lat. 17 26N., long. 87 29W.	10th Mar.
SEA DIAMOND ... 1956	498	GRC	m. cargo	Sicily—Wisbech	Salt	Capsized off Lowestoft in approximately lat. 52 28N., long. 01 48E., in heavy weather; subsequently beached on Newcombe Sand, 1½ miles off Lowestoft.	12th Jan.
SUMIYOSHI MARU ... 1968	421	JPN	m. cargo	... ..	...	Stranded and sank S. of Ikehima, Sotoumicho, Nishisonoki-gun, Nagasaki.	9th Jan.
TAI YANG No. 103 ... 1967	133	KRS	m. fishing	... ..	...	On reef on S.W. side of Atafu Island in lat. 08 34 00S., long. 172 28 30W.	19th Feb.
TERCIO SAN MIGUEL 1946	392	SPN	s. cargo	Bilbao—Corunna	Rolled wire	At El Barquero, Estaca de Bares, after dragging anchor; subsequently broken up.	12th Jan.
UCKA 1945	3133	YUG	m. cargo	Rijeka— Tripoli, Libya	General	Stranded at Tripoli, Libya, refloated and taken to Mali Losinj; subsequently towed to Split, sold and broken up.	6th Jan.
VARIA 1955	613	CYP	m. cargo	Benghazi—	Ballast	At Tukrah, 33 miles N.E. of Benghazi after steering failure in heavy weather.	23rd Mar.

Lost

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
BHAITA 1972	743	PAN	m. cargo	Ras al Khaimah— Das Island	Aggregate	Capsized in Zakum oilfield after engine room flooded in heavy weather, towed to Dubai anchorage still capsized; subsequently towed out and sunk off Dubai on 15th February.	13th Jan.
LORD WILLINGDON 1926	873	IND	s. suction dredger	... ..	...	Outside Cochin main channel in lat. 09 57 58N., long. 76 11 13E.	21st Feb.
TOLMIDIS 1959	9481	GRC	s. cargo	Baltimore— Singapore	Man- ganese ore	Engine room flooded after springing a leak 60 miles off the coast of N. Carolina in heavy weather; subsequently towed to Norfolk, Va., and sold for breaking up.	18th Jan.

REINSTATE

SHIN YANG, 1599 tons gross motor cargo ship, built 1964, KRS flag. Reported sank after collision on page 7 of the March Quarterly Casualty Return, 1976; since reported refloated, repaired and replaced in commission as MARIO.

ADDITIONAL INFORMATION

AGAPI, 8902 tons gross motor cargo ship, built in 1955, GRC flag. Reported caught fire in engine room S. of San Pedro, Ivory Coast, in lat. 04 06N., long. 06 28W., on 13th October, 1977; subsequently towed to Takoradi and thence to Castellon, sold and broken up.

BADAGRY, 4692 tons gross motor ore/oil carrier, built 1960, LIB flag. Reported damaged by fire in lat. 23 22S., long. 43 05W., on 27th September, 1977; subsequently towed to Rio de Janeiro, sold and broken up.

CHENG LUNG, 3316 tons gross motor cargo ship, built 1947, PAN flag. Reported capsized and sank after collision with ENFIELD in Kaohsiung harbour during a typhoon on 25th July, 1977; subsequently raised and broken up.

CHURCH BAY, 100 tons gross wooden motor cargo ship, built 1963, BAH flag. Reported burnt at Potter's Cay in January, 1973.

DON CARLOS, 707 tons gross motor cargo ship, built 1944, PHI flag. Reported foundered off Gango Island near Ozamis City, Mindanao, on 29th July, 1977.

DON LUCIO, 584 tons gross motor cargo ship, built 1960, PHI flag. Reported foundered 5 miles E.N.E. of Maestre de Campo Island, Tablas Strait, on 20th/21st August, 1977, during a typhoon.

EISHIN MARU No. 2, 669 tons gross motor liquefied gas carrier, built 1967, JPN flag. Reported damaged by collision with OCEAN HAPPINESS in Tsurushima Strait in lat. 33 52N., long. 132 32E., in fog on 10th June, 1977; subsequently taken to Etajima, sold and broken up.

EVA WITTE, 419 tons gross motor cargo ship, built 1958, GFR flag. Reported damaged after collision with TAMAMES 7½ miles S.E. of Southwold, Suffolk, in thick fog on 8th July, 1977; subsequently sank in lat. 52 14 34N., long. 01 41 34E.

EVANGELISTA TORRICELLI, 1297 tons gross motor liquefied gas carrier, built 1964, ITL flag. Reported extensively damaged by explosion and fire 10 miles N.N.E. of Santa Maria de Leuca on 6th December, 1977; subsequently arrived at Brindisi and sold for breaking up.

EVGENIA I, 8376 tons gross motor cargo ship, built 1959, GRC flag. Reported stranded on reef 23 miles N. of Jeddah on 11th February, 1976; refloated and subsequently scuttled.

KANGAROO, 358 tons gross motor tug, built 1966, PHI flag. Reported sank after collision with salvage barge MONARCH off San Vicente, Cagayan, N. Luzon, in lat. 18 31 30N., long. 122 11 36E., on 9th November, 1977.

Continued

MARCH 1978

ADDITIONAL INFORMATION—*continued*

- KIAN FA No. 7, 207 tons gross motor fishing vessel, built 1970, CHT flag. Reported foundered in the Arafura Sea during a cyclone on 20th December, 1976.
- L.C.T. PIKAU, 413 tons gross motor landing craft, built 1945, SNG flag. Reported foundered off Sumatra on 9th September, 1977.
- MAR DEL PLATA, 2418 tons gross motor stern trawler, built 1968, CUB flag. Reported burnt and sank at Havana on 16th June, 1973; subsequently raised, towed to Cartagena, Colombia, and broken up.
- MEDEM, 172 tons gross motor cargo ship, built 1931, GFR flag. Reported sank after collision with HINRICH BEHRMANN in the Kiel Canal on 19th September, 1974; subsequently raised, taken to Kiel, sold and broken up.
- MIZAR, 472 tons gross motor cargo ship, built 1942, NOR flag. Reported stranded at Lepsoyrevet on 15th May, 1977; subsequently refloated, towed to Alesund and converted for use as a non-propelled barge.
- MORRO I, 219 tons gross motor fishing vessel, built 1964, CHL flag. Reported foundered N. of Mejillones on 30th September, 1977.
- NAVIGATOR, 105 tons gross wooden motor fishing vessel, built 1964, USA flag. Last reported on 30th November, 1977, in vicinity of Great Round Shoal Channel entrance and presumed to have foundered.
- NIREUS, 499 tons gross motor cargo ship, built 1954, CYP flag. Reported wrecked off Western Sahara in lat. 27 40N., long. 13 12W., on 25th November, 1977.
- PONTA NEGRA, 1235 tons gross motor cargo ship, built 1963, BRZ flag. Reported extensively damaged by fire at Rio de Janeiro on 25th July, 1976; subsequently sold and broken up.
- PYLAROS, 655 tons gross motor cargo ship, built 1954, GRC flag. Reported foundered in the Saronic Gulf in lat. 37 53 24N., long. 23 39 14E., in 1976.
- RED EAGLE, 499 tons gross motor cargo ship, built 1945, THA flag. Reported foundered in Telok Ayer Basin, Singapore, in lat. 01 16 36N., long. 103 51 12E., on 14th March, 1975; subsequently refloated, sold and broken up.
- SALTESEA II, 117 tons gross wooden motor fishing vessel, built 1943, USA flag. Reported foundered in lat. 36 49 57N., long. 75 41 24W., on 15th October, 1972.
- SUSAN-JULIA, 338 tons gross motor cargo ship, built 1953, GBI flag. Reported sank after collision with ANDREA near Ellewoutsdijk, River Scheldt, on 13th August, 1977; subsequently raised, towed to Zeebrugge and sold for breaking up.
- TIRAN, 1271 tons gross steam cargo ship, built 1956, SPN flag. Reported foundered 1½ miles off Joal, 50 miles S. of Dakar, on 31st December, 1977.
- TRISTANIA, 636 tons gross motor fish factory ship, built 1940, SAF flag. Reported caught fire in engine room off Cape St. Francis in lat. 34 17S., long. 25 49E., on 20th October, 1975; subsequently scuttled off Robben Island.
- ZUBEDI III, 131 tons gross motor trawler, built 1971, KUW flag. Reported wrecked 12 miles N.E. of Pointe de Globe, Mauritania.

TABLE 2—STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.
NOT CONSEQUENT UPON CASUALTY DURING THE QUARTER

Flag	No.	Tons Gross	Place of Disposal	No.	Tons Gross
Argentina ...	1	7,634	Argentina ...	1	7,634
Belgium ...	1	12,544	China, People's Republic of ...	1	9,133
China, People's Republic of ...	—	—	Taiwan, Province of ...	49	913,138
Taiwan, Province of ...	1	7,305	Greece ...	1	2,581
Cyprus ...	9	54,252	Hong Kong ...	1	7,141
France ...	3	72,798	India ...	1	5,552
Germany, Federal Republic of ...	1	8,162	Italy ...	2	993
Greece ...	18	228,711	Japan ...	88	150,085
India ...	1	5,552	Korea (South) ...	3	25,854
Iran ...	1	10,866	Pakistan ...	34	225,390
Italy ...	2	993	Singapore ...	1	598
Japan ...	91	248,417	Spain ...	19	186,293
Kuwait ...	1	4,138	United Kingdom ...	6	25,664
Lebanon ...	1	1,852	United States of America ...	6	17,729
Liberia ...	22	451,590	Yugoslavia ...	4	43,970
Netherlands ...	2	19,708			
Panama ...	29	268,071			
Saudi Arabia ...	1	7,593			
Singapore ...	2	17,270			
Spain ...	4	21,747			
Sweden ...	2	24,480			
U.S.S.R. ...	3	25,135			
United Arab Emirates ...	1	1,662			
United Kingdom ...	9	50,115			
United States of America ...	10	65,997			
Uruguay ...	1	5,163			
World Total ...	217	1,621,755	World Total ...	217	1,621,755

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
ADRIATIC SEA ... 1962	26589	LIB	s. tanker	Broken up ...	Taiwan, Province of
AEPOS ... 1958	12417	GRC	m. tanker	Broken up ...	Taiwan, Province of
AL TURAB ... 1952	4332	PAN	m. cargo	Broken up ...	Pakistan
ALMIRANTE M. VIERNA ... 1955	10411	SPN	m. tanker	Broken up ...	Spain
ALUCO ... 1959	13148	GBI	s. tanker	Broken up ...	Taiwan, Province of
ALWADY ... 1943	4138	KUW	m. cargo	Broken up ...	Pakistan
AMORGOS ... 1961	13901	GRC	s. bulk carrier	Broken up ...	Taiwan, Province of
ANDORA ... 1954	5407	GRC	m. ore carrier	Broken up ...	Spain
ANNAMARIA G. ... 1929	494	ITL	s. tanker	Broken up ...	Italy
ARAGON ... 1956	10180	LIB	s. bulk carrier	Broken up ...	Yugoslavia
ARGENFELS ... 1944	8162	GFR	m. cargo	Broken up ...	Pakistan
ATHEN PROGRESS ... 1951	6416	GRC	m. cargo	Broken up ...	Spain
ATTICA ... 1960	26671	GRC	s. tanker	Broken up ...	Taiwan, Province of
AUDACITY ... 1952	7271	PAN	m. cargo	Broken up ...	Spain
BEAUFORT SEA ... 1962	26928	LIB	s. tanker	Broken up ...	Taiwan, Province of
BEKAA ... 1948	1852	LEB	m. cargo	Broken up ...	Spain
BELGULF STRENGTH ... 1962	12544	BLG	s. tanker	Broken up ...	Taiwan, Province of
BENWYVIS ... 1957	8753	GBI	s. cargo	Broken up ...	Taiwan, Province of

Continued

MARCH 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
BLACK BUILDER 1957	12114	PAN	m. tanker	Broken up	United States of America
BUGULMA 1957	7653	USR	m. tanker	Broken up	Pakistan
BURL S. WATSON 1961	51490	LIB	s. tanker	Broken up	Taiwan, Province of
CAMPEON 1946	8458	SPN	m. tanker	Broken up	Spain
CAMPOMARINO 1964	848	SPN	m. tanker	Broken up	Spain
CAMPORREAL 1954	2030	SPN	m. tanker	Broken up	Spain
CAVO FRIGELOS 1952	7732	PAN	m. cargo	Broken up	Pakistan
CHUNGKING VICTORY 1945	7305	CHT	s. cargo	Broken up	Taiwan, Province of
CLIMAX GARNET 1946	6562	PAN	m. passenger & cargo	Broken up	Pakistan
CORAL SEA 1962	30578	LIB	s. tanker	Broken up	Taiwan, Province of
DAIEI MARU 1961	28985	JPN	s. tanker	Broken up	Taiwan, Province of
DAIEI MARU 1966	198	JPN	m. cargo	Broken up	Japan
DAIEI MARU No. 1 1961	189	JPN	m. tanker	Broken up	Japan
DAITEN MARU 1967	195	JPN	m. fishing	Broken up	Japan
DOLABELLA 1966	41506	FRA	s. tanker	Broken up	Taiwan, Province of
EASTERN ENTERPRISE 1953	7032	LIB	m. cargo	Broken up	Taiwan, Province of
EBISU MARU No. 21... .. 1970	125	JPN	m. fishing	Broken up	Japan
EDWARD CRUSE 1954	1818	GBI	s. sludge carrier	Broken up	United Kingdom
EISHIN MARU No. 3 1966	148	JPN	m. sand carrier	Broken up	Japan
EISHO MARU No. 36 1967	124	JPN	m. fishing	Broken up	Japan
ELEFThERIOS 1929	2581	GRC	m. cargo	Broken up	Greece
ELIZABETHPORT 1942	16395	USA	s. container	Broken up	Japan
ESSO BOURGOGNE... .. 1959	25449	FRA	s. tanker	Broken up	Spain
EUMAEUS 1953	7562	NTH	m. cargo	Broken up	Taiwan, Province of
EVGENIA 1956	9990	CYP	s. cargo	Broken up	Pakistan
FESTIVITY 1953	7405	PAN	m. cargo	Broken up	Spain
FFM VASSIJAURE 1955	15504	SWD	m. tanker	Broken up	Taiwan, Province of
FOGLARO 1945	8976	SWD	m. ore/oil carrier	Broken up	United Kingdom
FORTUNE ENTERPRISE 1953	7141	PAN	m. cargo	Broken up	Hong Kong
FRANCES 1943	12944	LIB	m. bulk carrier	Broken up	Taiwan, Province of
FUJI MARU 1969	177	JPN	m. tug	Broken up	Japan
FUJITAKA MARU No. 3 1970	198	JPN	m. gravel carrier	Broken up	Japan
FUKUI MARU No. 8 1959	699	JPN	m. cargo	Broken up	Japan
FUKUYOSHI MARU No. 25 1960	401	JPN	m. tanker	Broken up	Japan
FUKUYOSHI MARU No. 28 1970	499	JPN	m. sand carrier	Broken up	Japan
GAY HEAD 1943	1117	USA	m. tug	Broken up	United States of America
GEORGIA 1952	9380	PAN	m. cargo	Broken up	Pakistan
GLOBAL PRINCE 1944	1662	UAE	m. cargo	Broken up	Pakistan

Continued

MARCH 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
GLORY 1943	7822	PAN	s. cargo	Broken up	Taiwan, Province of
GOKO MARU 1963	244	JPN	m. cargo	Broken up	Japan
GOURI SHANKAR 1954	5552	IND	m. cargo	Broken up	India
GRANADA 1956	17727	LIB	s. cargo	Broken up	Yugoslavia
GRAND TRUST 1943	14159	PAN	s. bulk carrier	Broken up	Taiwan, Province of
GRAND WEST 1956	27181	PAN	s. tanker	Broken up	Taiwan, Province of
GREAT VICTORY 1953	7519	PAN	m. cargo	Broken up	Taiwan, Province of
GREAT WELFARE 1952	7720	PAN	m. cargo	Broken up	Taiwan, Province of
GULF SUCCESS 1955	421	PAN	m. cargo	Broken up	Pakistan
HAKUYO MARU 1967	199	JPN	m. tanker	Broken up	Japan
HEIWA MARU No. 6 1970	258	JPN	m. cargo	Broken up	Japan
HILLSBORO INLET 1943	1132	USA	m. tug	Broken up	United States of America
HISHASHIGE MARU No. 3 1968	199	JPN	m. sand carrier	Broken up	Japan
HOEI MARU No. 13 1965	197	JPN	m. sand carrier	Broken up	Japan
HOKUTETSU MARU No. 58 1961	348	JPN	m. fishing	Broken up	Japan
HONGKONG BEAUTY 1 1955	8255	PAN	m. cargo	Broken up	Taiwan, Province of
HOSO MARU 1961	169	JPN	m. tanker	Broken up	Japan
HOYO MARU 1962	192	JPN	m. cargo	Broken up	Japan
J. L. HANNA 1945	10246	USA	s. tanker	Broken up	Taiwan, Province of
JAPAN JASMIN 1966	67403	JPN	s. tanker	Broken up	Taiwan, Province of
JOANNA 1955	6692	GRC	m. cargo	Broken up	Pakistan
JULIA 1949	6792	CYP	m. cargo	Broken up	Pakistan
JUNEI MARU 1967	163	JPN	m. fishing	Broken up	Japan
KAVOSTARAS 1951	6618	PAN	m. cargo	Broken up	Pakistan
KAZU MARU No. 11 1959	199	JPN	m. cargo	Broken up	Japan
KEISHIN MARU 1959	484	JPN	m. cargo	Broken up	Japan
KELLETHA 1957	12146	NTH	s. tanker	Broken up	Taiwan, Province of
KENZAN MARU 1960	364	JPN	m. cargo	Broken up	Japan
KICHIJYO MARU No. 1 1970	124	JPN	m. fishing	Broken up	Japan
KINRIKI MARU No. 6 1961	437	JPN	m. cargo	Broken up	Japan
KOAN MARU No. 11 1956	164	JPN	m. tanker	Broken up	Japan
KOEI MARU No. 17 1964	299	JPN	m. fishing	Broken up	Japan
KOFUKU MARU No. 3 1964	138	JPN	m. sand carrier	Broken up	Japan
KOJU MARU 1961	199	JPN	m. tanker	Broken up	Japan
KOOJARRA 1956	2959	PAN	m. passenger & cargo	Broken up	Pakistan
KOSEI MARU 1963	199	JPN	m. cargo	Broken up	Japan
KOSHIN MARU No. 3 1961	176	JPN	m. tanker	Broken up	Japan
KUZURYU 1951	231	JPN	m. patrol	Broken up	Japan

Continued

MARCH 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
KYO MARU No. 10 1956	696	JPN	m. whaler	Broken up	Japan
KYO MARU No. 11 1956	696	JPN	m. whaler	Broken up	Japan
KYOKUYO MARU No. 3 1946	23086	JPN	m. whale oil factory	Broken up	Japan
KYOSEKI MARU No. 1 1968	911	JPN	m. liquefied gas carrier	Broken up	Japan
KYOTOKU MARU No. 7 1962	118	JPN	m. cargo	Broken up	Japan
KYOWA MARU No. 2 1960	338	JPN	m. fishing	Broken up	Japan
LEZINA 1958	21986	GRC	m. tanker	Broken up	Taiwan, Province of
LILY 1943	13220	PAN	m. bulk carrier	Broken up	Taiwan, Province of
LINDA 1952	11963	LIB	m. bulk carrier	Broken up	Taiwan, Province of
LOS ANGELES 1941	16395	USA	s. container	Broken up	Japan
MALAYSIA SUCCESS 1948	6262	LIB	m. cargo	Broken up	Taiwan, Province of
MANDARIN 1944	13128	PAN	s. bulk carrier	Broken up	Pakistan
MATSUYAMA MARU No. 2 1965	990	JPN	m. tanker	Broken up	Japan
MIHO MARU No. 2 1967	186	JPN	m. fishing	Broken up	Japan
MIKTON 1960	18889	GRC	s. ore/oil carrier	Broken up	Taiwan, Province of
MIMI M 1951	6398	CYP	m. tanker	Broken up	Pakistan
MINERVA 1939	3483	CYP	m. cargo	Broken up	Pakistan
MURASAKI MARU No. 5 1954	598	JPN	m. fishing	Broken up	Singapore
MYORIKI MARU No. 12 1964	199	JPN	m. cargo	Broken up	Japan
NAGAHAMA MARU No. 8 1966	199	JPN	m. cargo	Broken up	Japan
NAGATO MARU No. 18 1964	545	JPN	m. tanker	Broken up	Japan
NESTOR II 1950	3364	CYP	m. cargo	Broken up	Pakistan
NEW RIVER 1957	9133	PAN	m. cargo	Broken up	China, People's Republic of
NISSAN MARU 1964	199	JPN	m. tanker	Broken up	Japan
NORTEMAR 1944	5163	URG	m. cargo	Broken up	Pakistan
OCEANIC AMITY 1944	14333	LIB	s. ore carrier	Broken up	Taiwan, Province of
OLYMPUS 1951	6752	GRC	s. bulk carrier	Broken up	Yugoslavia
OMIYA MARU 1969	499	JPN	m. sand carrier	Broken up	Japan
OMNIUM MARINER 1943	14304	LIB	s. bulk carrier	Broken up	Spain
ONYX 1961	40648	LIB	s. tanker	Broken up	Taiwan, Province of
OTOWA MARU No. 8 1966	499	JPN	m. cargo	Broken up	Japan
PAIKON 1958	23607	GRC	s. tanker	Broken up	Taiwan, Province of
PAPAJI 1948	5997	CYP	m. cargo	Broken up	Pakistan
PENZA 1955	7653	USR	m. tanker	Broken up	Spain
PERILEFKI 1954	10916	GRC	m. tanker	Broken up	Pakistan
PERMINA SAMUDRA XI 1962	28687	LIB	s. tanker	Broken up	Taiwan, Province of
PETRO-SEA 1957	26035	LIB	s. tanker	Broken up	Taiwan, Province of

Continued

MARCH 1978

PETI
PETI
PHI
POB
POR
POR
POL
PRI
RAN
REB
REG
REH
RIO
ROC
RYC
RYU
SAB
SAC
SAL
SAN
SAN
SAN
SAS
SEA
SEL
SEK
SHI
SHI
SHI
SHI
SHI
SHI
SHI
SHI
SHI

Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
PETROLA 3 1951	16344	GRC	m. tanker	Broken up	Spain
PETROLA 35 1952	11593	GRC	m. tanker	Broken up	Spain
PHILLIPS KANSAS 1963	44493	LIB	s. ore/oil carrier	Broken up	Taiwan, Province of
POBYEDA 1928	9829	USR	m. passenger & cargo	Broken up	Pakistan
POROS 1954	8904	GRC	m. tanker	Broken up	Taiwan, Province of
PORT AU PRINCE 1954	5843	FRA	m. tanker	Broken up	Spain
POUNENTES 1957	21397	LIB	s. tanker	Broken up	Taiwan, Province of
PRINCE CHARLES 1958	691	GBI	m. fishing	Broken up	United Kingdom
RAMONEVERETT 1951	3975	LIB	m. cargo	Broken up	Taiwan, Province of
REBUN MARU No. 11 1964	499	JPN	m. cargo	Broken up	Japan
REGENT RELIANCE... .. 1956	7236	PAN	m. cargo	Broken up	Pakistan
REIFENS 1946	8070	CYP	m. cargo	Broken up	Taiwan, Province of
RIO ATUEL 1945	7634	ARG	s. cargo	Broken up	Argentina
ROCO 1952	7449	CYP	m. cargo	Broken up	Pakistan
RYOYO MARU 1965	52157	JPN	s. tanker	Broken up	Japan
RYUSHO MARU No. 1 1971	349	JPN	m. fishing	Broken up	Japan
SABINE PASS 1943	1117	USA	m. tug	Broken up	United States of America
SACHI MARU No. 18 1968	125	JPN	m. fishing	Broken up	Japan
SALVALOUR 1945	1117	PAN	s. salvage	Broken up	Pakistan
SAND KEY 1943	1117	USA	m. tug	Broken up	United States of America
SANEI MARU No. 10 1963	168	JPN	m. fishing	Broken up	Japan
SANPO MARU No. 21 1969	199	JPN	m. tanker	Broken up	Japan
SASSAN... .. 1955	10866	IRN	m. tanker	Broken up	Pakistan
SEA CHEMIST 1943	8522	PAN	s. tanker	Broken up	Spain
SEISHIN MARU No. 5 1968	192	JPN	m. sand carrier	Broken up	Japan
SEKI MARU No. 16 1955	648	JPN	m. whaler	Broken up	Japan
SHIMADA MARU No. 3 1955	430	JPN	m. cargo	Broken up	Japan
SHIMANE MARU 1958	9267	JPN	m. cargo	Broken up	Korea (South)
SHINEI MARU No. 28 1970	124	JPN	m. fishing	Broken up	Japan
SHINPO MARU 1962	1519	JPN	m. cargo	Broken up	Japan
SHISAKA MARU No. 2 1905	181	JPN	m. tanker	Broken up	Japan
SHOEI MARU No. 7... .. 1961	239	JPN	m. fishing	Broken up	Japan
SHOHO MARU No. 38 1970	124	JPN	m. fishing	Broken up	Japan
SHOSHIN MARU No. 60 1972	124	JPN	m. fishing	Broken up	Japan
SHOSHIN MARU No. 62 1972	124	JPN	m. fishing	Broken up	Japan
SHOTOKU MARU 1961	2977	JPN	m. cargo	Broken up	Japan
SHOWA MARU 1961	24869	JPN	m. tanker	Broken up	Taiwan, Province of
SHOWA MARU 1961	245	JPN	m. tanker	Broken up	Japan
SHOWA MARU No. 108 1963	194	JPN	m. tanker	Broken up	Japan
SHOYO MARU No. 15 1970	124	JPN	m. fishing	Broken up	Japan

Continued

MARCH 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
SIRENELLA 1938	499	ITL	m. cargo	Broken up	Italy
SPEYSIDE 1958	328	GBI	m. trawler	Broken up	United Kingdom
STRATFORD POINT... .. 1943	1132	USA	m. tug	Broken up	United States of America
STRATHLEVEN 1953	7432	GBI	m. cargo	Broken up	Pakistan
STRATHLOYAL 1956	8199	GBI	m. cargo	Broken up	Pakistan
STRATHNEWTON 1959	8388	GBI	m. cargo	Broken up	Pakistan
SUMIEI MARU No. 8 1966	199	JPN	m. cargo	Broken up	Japan
SUMIEI MARU No. 18 1962	199	JPN	m. cargo	Broken up	Japan
SUMIEI MARU No. 23 1966	498	JPN	m. sand carrier	Broken up	Japan
SUMIHISA MARU 1968	490	JPN	m. cargo	Broken up	Japan
SUMIHO MARU No. 3 1959	137	JPN	m. cargo	Broken up	Japan
SUMIYOSHI MARU No. 11 1968	199	JPN	m. sand carrier	Broken up	Japan
TAISEI MARU No. 2... .. 1967	199	JPN	m. sand carrier	Broken up	Japan
TAIYO MARU... .. 1965	199	JPN	m. sand carrier	Broken up	Japan
TAIYO MARU No. 58 1962	349	JPN	m. fishing	Broken up	Japan
TAIYUAN 1955	8633	PAN	m. passenger & cargo	Broken up	Taiwan, Province of
TAMAYOSHI MARU No. 5... .. 1965	199	JPN	m. sand carrier	Broken up	Japan
TASSOS V. 1957	21450	LIB	m. tanker	Broken up	Taiwan, Province of
TELAMON 1956	9236	GRC	m. cargo	Broken up	Pakistan
THEONYMPHOS 1959	29141	PAN	s. tanker	Broken up	Spain
THERA 1962	13906	GRC	s. bulk carrier	Broken up	Taiwan, Province of
TOKUJIN MARU No. 8 1969	198	JPN	m. sand carrier	Broken up	Japan
TOKUJU MARU No. 2 1967	287	JPN	m. sand carrier	Broken up	Japan
TOMI MARU No. 63... .. 1971	348	JPN	m. fishing	Broken up	Japan
TONAN MARU No. 2 1951	13098	JPN	m. fish factory	Broken up	Japan
TONG HOCK 1949	8734	SNG	m. cargo	Broken up	Pakistan
TONG HWA 1950	8536	SNG	m. cargo	Broken up	Korea (South)
TOYO MARU No. 50... .. 1963	476	JPN	m. cargo	Broken up	Japan
TOYOKAWA MARU... .. 1963	499	JPN	m. cargo	Broken up	Japan
TSUBAKI MARU 1948	1016	JPN	m. cargo	Broken up	Japan
TSUSHIMA MARU 1962	453	JPN	m. cargo	Broken up	Japan
UNION ARABIA 1948	7593	SAU	s. cargo	Broken up	Taiwan, Province of
UNIONA 1953	12646	PAN	s. bulk carrier	Broken up	Taiwan, Province of
UNITED EXPORTER... .. 1950	7919	PAN	m. cargo	Broken up	Pakistan
UNITED FORTUNE 1948	4734	PAN	m. cargo	Broken up	Pakistan
UNIVERSAL LILY 1952	14953	LIB	m. cargo	Broken up	Taiwan, Province of

Continued

MARCH 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
VELDA 1957	10311	LIB	s. cargo	Broken up	Taiwan, Province of
VENUS ARGOSY 1954	9311	LIB	s. cargo	Broken up	Yugoslavia
VICTORY QUEEN 1954	8051	PAN	m. cargo	Broken up	Korea (South)
VIVI 1934	2709	CYP	m. cargo	Broken up	Pakistan
WACOSTA 1944	8673	USA	s. container	Broken up	Spain
WARRIOR 1943	8673	USA	s. container	Broken up	Spain
WEATHER REPORTER 1944	1358	GBI	s. research	Broken up	United Kingdom
ZENEI MARU No. 22 1961	289	JPN	m. fishing	Broken up	Japan
ZENPO MARU No. 27 1971	124	JPN	m. fishing	Broken up	Japan
ZOYA 1958	12493	GRC	m. tanker	Broken up	United Kingdom

CORRECTION

PACIFIC VICTORY, 7607 tons gross steam cargo ship, built 1944, USA flag. Reported broken up on page 28 of June Quarterly Casualty Return, 1976. Details should read 7607 tons gross steam cargo ship, built 1944, LIB flag.

ADDITIONAL INFORMATION

ALEUT, 5055 tons gross steam whale oil factory ship, built 1919, USSR flag. Reported broken up in the U.S.S.R. in 1970.

ANAKRIYA, 1288 tons gross steam cargo ship, built 1925, USSR flag. Reported broken up in the U.S.S.R. in 1970.

ASMARI, 4760 tons gross motor cargo ship, built 1951, PAN flag. Reported broken up in the Province of Taiwan in 1977.

BARBET, 146 tons gross motor fishing vessel, built 1941, USA flag. Reported condemned in the United States of America in 1974.

BISSO, 496 tons gross steam tug, built 1905, USA flag. Reported broken up in the United States of America in 1975.

BREST, 2319 tons gross steam cargo ship, built 1925, USSR flag. Reported broken up in the U.S.S.R. in 1971.

CAMMELLO, 108 tons gross steam tug, built 1926, ITL flag. Reported broken up in Italy in 1970.

CAMPECHE, 1833 tons gross steam hopper dredger, built 1949, MEX flag. Reported broken up in Mexico in 1976.

CARDROSS, 2351 tons gross steam cargo ship, built 1948, CHR flag. Reported broken up in the People's Republic of China in 1977.

CENTRAL ASIA, 6908 tons gross motor ore carrier, built 1959, LIB flag. Reported broken up in the People's Republic of China in 1977.

CHRYSANTHY, 29141 tons gross steam tanker, built 1959, PAN flag. Reported broken up in the Province of Taiwan in 1976.

CHUN MYUNG, 3717 tons gross motor cargo ship, built 1949, KRS flag. Reported broken up in Korea (South) in 1976.

Continued

MARCH 1978

ADDITIONAL INFORMATION—*continued*

- DNEPR, 3071 tons gross steam fish carrier, built 1914, USSR flag. Reported broken up in the U.S.S.R. in 1972.
- EKATERINI, 1082 tons gross motor ferry, built 1941, GRC flag. Reported broken up in Greece in 1974.
- ELECTRA E, 15903 tons gross motor tanker, built 1957, CYP flag. Reported broken up in Korea (South) in 1977.
- ESSO MARGARITA, 8691 tons gross steam tanker, built 1954, VEN flag. Reported broken up in Venezuela in 1972.
- FILIA, 143 tons gross steam tug, built 1943, GRC flag. Reported broken up in Greece in 1972.
- FORTUNE PIONEER, 3832 tons gross motor cargo ship, built 1952, PAN flag. Reported broken up in the Province of Taiwan in 1977.
- FU MING, 7026 tons gross steam passenger and cargo ship, built 1944, CHT flag. Reported broken up in the Province of Taiwan in 1974.
- GINGA MARU, 3191 tons gross motor training ship, built 1942, JPN flag. Reported broken up in Japan in 1974.
- GLENISLA, 279 tons gross motor trawler, built 1959, GBI flag. Reported broken up in the United Kingdom in 1977.
- GOGOL, 4825 tons gross steam training ship, built 1922, USSR flag. Reported broken up in the U.S.S.R. in 1971.
- GRAIN MONARCH, 18324 tons gross motor tanker, built 1954, MTA flag. Reported broken up in the Province of Taiwan in 1976.
- GRAND ALLIANCE, 10515 tons gross motor tanker, built 1952, PAN flag. Reported broken up in the Province of Taiwan in 1977.
- GRANTON FALCON, 272 tons gross motor trawler, built 1956, GBI flag. Reported broken up in the United Kingdom in 1977.
- HALCYON ISLE, 12476 tons gross motor tanker, built 1956, SNG flag. Reported converted for use as a non-propelled storage facility at Singapore in 1975.
- HARLAW PLAIN, 437 tons gross motor cargo ship, built 1921, MTA flag. Reported broken up in Spain in 1974.
- HELSING, 318 tons gross motor fish factory ship, built 1938, DEN flag. Reported broken up in Denmark in 1977.
- INVERNESS, 100 tons gross motor trawler, built 1964, NTH flag. Reported broken up in the Netherlands Antilles in 1975.
- KAMCHATKA, 2701 tons gross steam cargo ship, built 1919, USSR flag. Reported broken up in the U.S.S.R. in 1971.
- KAPITAN SMIRNOV, 6637 tons gross steam fish carrier, built 1913, USSR flag. Reported broken up in the U.S.S.R. in 1971.
- LAURA WOFSI, 699 tons gross motor tanker, built 1941, ITL flag. Reported broken up in Italy in 1974.
- MAMMA, 119 tons gross wooden motor cargo ship, built 1891, NOR flag. Reported scuttled off Norway in 1977.
- MARINERO, 7607 tons gross steam cargo ship, built 1945, ARG flag. Reported broken up in Argentina in 1977.
- MEENA, 2603 tons gross steam cargo ship, built 1957, EGY flag. Reported broken up in Egypt in 1974.
- MENZHINSKIY, 3683 tons gross steam fish carrier, built 1919, USSR flag. Reported broken up in the U.S.S.R. in 1977.
- MONSOON, 139 tons gross wooden motor fishing vessel, built 1943, USA flag. Reported converted for use as a non-propelled barge in the United States of America in 1974.
- NEMIROVICH DANCHENKO, 997 tons gross steam cargo ship, built 1921, USSR flag. Reported broken up in the U.S.S.R. in 1971.
- NEPCO DAUNTLESS, 19821 tons gross steam tanker, built 1956, LIB flag. Reported broken up in the Province of Taiwan in 1976.
- ODISSOS, 472 tons gross motor cargo ship, built 1911, GRC flag. Reported broken up in Greece in 1970.
- OROCHON, 4584 tons gross steam fish factory ship, built 1917, USSR flag. Reported broken up in the U.S.S.R. in 1970.

Continued

ADDITIONAL INFORMATION—*continued*

- POONG JIN, 578 tons gross motor cargo ship, built 1944, KRS flag. Reported broken up in Korea (South) in 1976.
- RAZAUJ, 4009 tons gross steam cargo ship, built 1951, PAN flag. Reported broken up in Pakistan in 1975.
- ROSALINA, 2851 tons gross steam cargo ship, built 1941, PAN flag. Reported broken up in Singapore in 1970.
- SALVADOR PRIMO, 491 tons gross motor cargo ship, built 1921, ITL flag. Reported broken up in Italy in 1973.
- SAM IN No. 3, 274 tons gross motor fishing vessel, built 1961, KRS flag. Reported broken up in Korea (South) in 1975.
- SANDCRAFT, 239 tons gross motor cargo ship, built 1943, BAH flag. Reported scuttled off the Bahamas in 1977.
- SIAM, 33635 tons gross steam tanker, built 1955, THA flag. Reported broken up in Belgium in 1976.
- STRATHDON, 275 tons gross motor trawler, built 1958, GBI flag. Reported broken up in the United Kingdom in 1977.
- TANNICO, 149 tons gross motor barge, built 1903, GBI flag. Reported broken up in the United Kingdom in 1974.
- TULCEA, 659 tons gross motor cargo ship, built 1950, RUM flag. Reported broken up in Romania in 1977.
- UADDAN, 396 tons gross motor tanker, built 1944, MTA flag. Reported broken up in Spain in 1974.
- VENTURE, 13487 tons gross steam tanker, built 1958, LIB flag. Reported broken up in Spain in 1977.
- VTOROI KRABOLOV, 4190 tons gross steam fish factory ship, built 1901, USSR flag. Reported broken up in the U.S.S.R. in 1970.
- W. A. WEBBER, 738 tons gross motor tanker, built 1947, USA flag. Reported broken up in the United States of America in 1975.
- W.D. 54, 1105 tons gross steam hopper dredger, built 1939, GBI flag. Reported broken up in the United Kingdom in 1977.

IMPORTANT.—This advance copy is forwarded on condition that the information contained herein shall not be published or broadcast before Wednesday, 14th February, 1979.

LLOYD'S REGISTER OF SHIPPING

CASUALTY RETURN

**MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,
DURING THE QUARTER ENDED 30th JUNE, 1978
(as reported up to 31st December, 1978)**

For the purpose of this Return, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has been subsequently broken up.

Ships which have been declared constructive total losses but which are undergoing or have undergone repairs during the quarter do not appear in this Return.

NOTE: It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 30th June, 1978".

Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71 Fenchurch Street, London, EC3M 4BS.

71 FENCHURCH STREET, LONDON, EC3M 4BS.

February, 1979

TABLE 1—SHIPS TOTALLY LOST, BROKEN DOWN BY FLAG

Flag	MERCHANT FLEETS AS RECORDED IN STATISTICAL TABLES 1977		Foundered		Missing		No.
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
ARGENTINA	401	1,677,169	...	...	...	...	...
AUSTRALIA	424	1,374,197	...	...	...	...	...
BAHAMAS	109	106,317	...	...	...	...	...
BANGLADESH	133	244,314	1	300	...	...	...
CANADA	1,283	2,822,948	...	...	...	...	...
CAPE VERDE REPUBLIC	9	3,966	1	300	...	...	...
CHINA, PEOPLE'S REPUBLIC OF	622	4,245,446	...	...	...	...	...
TAIWAN, PROVINCE OF	443	1,558,713	1	250	...	...	...
CYPRUS	800	2,787,908	3	2,372	...	...	...
DENMARK	1,407	5,331,165	1	1,399	...	...	...
ECUADOR	55	197,244	1	136	...	...	...
FINLAND	337	2,262,095	...	...	...	...	...
FRANCE	1,327	11,613,859	...	...	...	...	...
GERMANY, FEDERAL REPUBLIC OF	1,975	9,592,314	...	...	...	...	...
GREECE	3,344	29,517,059	3	3,638	1	8,920	...
HONDURAS	63	104,903	1	1,973	...	...	...
ICELAND	375	166,702	...	...	...	...	...
INDIA	566	5,482,176	1	401	...	...	...
INDONESIA	1,032	1,163,173	...	...	...	...	...
ITALY	1,690	11,111,182	1	499	...	...	...
JAPAN	9,642	40,035,853	2	388	...	...	...
KOREA (SOUTH)	1,042	2,494,724	...	...	...	...	...
LIBERIA	2,617	79,982,968	...	...	...	...	...
MALAYSIA	179	563,666	...	...	...	...	...
NETHERLANDS	1,254	5,290,360	1	306	...	...	...
NORWAY	2,738	27,801,471	2	521	...	...	...
PAKISTAN	84	475,600	...	...	...	...	...
PANAMA	3,267	19,458,419	5	8,676	...	...	...
PHILIPPINES	504	1,146,529	...	...	...	...	...
POLAND	773	3,447,517	...	...	...	...	...
SAUDI ARABIA	119	1,018,713	...	...	...	...	...
SINGAPORE	872	6,791,398	...	...	...	...	...
SOUTH AFRICA	297	476,324	3	843	...	...	...
SPAIN	2,726	7,186,081	...	...	...	...	...
SWITZERLAND	28	252,746	...	...	...	...	...
TONGA	12	14,180	...	...	...	...	...
U.S.S.R.	8,167	21,438,291	...	...	...	...	...
UNITED ARAB EMIRATES	85	152,100	...	...	...	...	...
UNITED KINGDOM	3,432	31,646,351	...	...	...	...	...
UNITED STATES OF AMERICA	4,740	15,299,681	2	380	...	...	...
VENEZUELA	179	639,396	...	...	...	...	...
WORLD TOTAL	67,945	393,678,369	29	22,382	1	8,920	11

The percentage proportion of the world fleet totally lost during the June Quarter, 1978, was 0.12% of ships and 0.005% of gross tonnage.

ROKEN DURING THE SECOND QUARTER 1978

Burnt	Wrecked	Lost, etc.		Total Lost		Broken up, etc.		Flag		
		No.	Tons Gross	No.	Tons Gross	No.	Tons Gross			
...	...	1	2,124	...	...	2	2,339	1	7,604	ARGENTINA
...	215	...	...	...	...	...	...	2	28,076	AUSTRALIA
...	...	...	...	...	...	...	...	1	149	BAHAMAS
...	...	...	...	...	...	1	300	...	...	BANGLADESH
...	...	...	...	...	...	1	434	1	7,126	CANADA
...	434	...	...	...	...	1	300	...	...	CAPE VERDE REPUBLIC
...	...	...	...	...	...	...	...	...	...	CHINA, PEOPLE'S REPUBLIC OF
...	...	...	...	...	...	1	250	1	18,161	TAIWAN, PROVINCE OF
...	...	2	10,238	...	...	6	13,035	11	65,298	CYPRUS
1	...	...	...	...	...	2	1,688	1	35,508	DENMARK
...	289	...	...	...	...	1	136	...	...	ECUADOR
...	...	...	...	...	...	...	...	1	12,303	FINLAND
...	...	...	...	...	...	...	...	5	228,852	FRANCE
...	...	...	...	...	...	...	...	2	34,931	GERMANY, FEDERAL REPUBLIC OF
4	12,680	5	46,338	...	...	14	111,556	27	346,539	GREECE
...	...	...	...	...	...	1	1,973	1	2,614	HONDURAS
...	...	1	101	...	...	1	101	...	...	ICELAND
...	...	...	...	...	...	1	401	...	...	INDIA
...	...	1	103	...	...	1	103	...	...	INDONESIA
...	...	...	...	...	...	1	499	5	88,508	ITALY
...	...	6	2,270	...	...	14	5,337	71	148,759	JAPAN
1	2,679	1	991	...	...	3	5,985	...	...	KOREA (SOUTH)
...	1,570	...	...	...	...	...	...	41	890,510	LIBERIA
...	...	...	...	...	...	...	...	1	3,161	MALAYSIA
...	...	...	...	...	...	1	306	2	21,302	NETHERLANDS
...	...	...	...	...	...	2	521	7	246,181	NORWAY
...	...	...	...	...	...	...	...	1	15,941	PAKISTAN
3	...	1	486	...	...	9	23,281	27	193,509	PANAMA
...	...	2	1,401	...	...	2	1,401	...	...	PHILIPPINES
...	...	...	...	...	...	...	...	3	8,135	POLAND
...	...	...	...	...	...	...	...	1	7,690	SAUDI ARABIA
...	...	...	...	...	...	...	...	8	51,853	SINGAPORE
2	...	...	...	...	...	5	1,382	2	1,222	SOUTH AFRICA
1	1,020	1	361	...	...	5	3,020	1	10,413	SPAIN
...	...	...	...	...	...	...	...	1	6,704	SWITZERLAND
1	...	...	...	...	...	1	460	...	...	TONGA
...	...	...	...	...	...	...	...	3	1,974	U.S.S.R.
...	...	1	433	...	...	1	433	...	...	UNITED ARAB EMIRATES
...	...	...	...	1	391	1	391	15	244,680	UNITED KINGDOM
1	11,034	1	197	...	...	4	11,611	2	8,320	UNITED STATES OF AMERICA
...	...	...	...	...	...	...	...	1	218	VENEZUELA
13	29,921	23	65,043	1	391	82	187,243	246	2,736,241	WORLD TOTAL

Proportion of the world fleet broken up, etc., not consequent upon casualty was 0.36% of ships and 0.70% of tonnage.

STEAMSHIPS AND MOTORSHIPS

(Listed in alphabetical order of ship name, excluding ships of less than 100 tons gross)

DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

EXPLANATIONS OF CONTRACTIONS

FLAG

ALB = Albania	ELN = El Salvador	JAM = Jamaica	RCV = Cape Verde Republic
ALG = Algeria	ETH = Ethiopia	JOR = Jordan	RUM = Romania
ARG = Argentina	FAR = Faroe Islands	JPN = Japan	SAF = South Africa
AST = Australia	FIJ = Fiji	KEN = Kenya	SAU = Saudi Arabia
AUS = Austria	FIN = Finland	KMP = Kampuchea	SEN = Senegal
BAH = Bahamas	FRA = France	KRS = Korea (South)	SIE = Sierra Leone
BBD = Barbados	GAB = Gabon	KUW = Kuwait	SNG = Singapore
BDI = Burundi	GAM = Gambia	LBY = Libya	SOL = British Solomon Islands
BER = Bermuda	GBI = United Kingdom	LEB = Lebanon	SOM = Somali Republic
BLG = Belgium	GDR = German Democratic Republic	LIB = Liberia	SPN = Spain
BLZ = Belize	GFR = Germany, Federal Republic of	MAL = Malaysia	SRI = Sri Lanka
BMA = Burma	GHA = Ghana	MAU = Mauritania	STV = St. Vincent
BNG = Bangladesh	GIB = Gibraltar	MDV = Maldives Islands	SUD = Sudan
BRN = Bahrain	GRC = Greece	MEX = Mexico	SWD = Sweden
BRZ = Brazil	GRE = Grenada	MGY = Madagascar	SWZ = Switzerland
BUL = Bulgaria	GUA = Guatemala	MON = Monaco	SYR = Syria
BVI = British Virgin Islands	GUI = Guinea	MOR = Morocco	TAN = Tanzania
CAN = Canada	GUY = Guyana	MTA = Malta	THA = Thailand
CAY = Cayman Islands	HAI = Haiti	NHB = New Hebrides	TON = Tonga
CHL = Chile	HKG = Hong Kong	NIC = Nicaragua	TRI = Trinidad & Tobago
CHR = China, People's Rep. of	HON = Honduras	NIG = Nigeria	TRK = Turkey
CHT = Province of Taiwan	HUN = Hungary	NOR = Norway	TUN = Tunisia
CMN = Cameroon	ICL = Iceland	NTH = Netherlands	UAE = United Arab Emirates
COL = Colombia	IDA = Indonesia	NZL = New Zealand	URG = Uruguay
CON = Congo	IND = India	PAK = Pakistan	USA = United States of America
COS = Costa Rica	IRN = Iran	PAN = Panama	USR = U.S.S.R.
CUB = Cuba	IRP = Irish Republic	PAR = Paraguay	VEN = Venezuela
CYP = Cyprus	IRQ = Iraq	PER = Peru	VNM = Vietnam
CZE = Czechoslovakia	ISR = Israel	PHI = Philippines	YAR = Yemen Arab Republic
DEN = Denmark	ITL = Italy	PNG = Papua New Guinea	YPR = Yemen, People's Dem. Rep. of
DOM = Dominican Republic	IVC = Ivory Coast	POL = Poland	YUG = Yugoslavia
ECU = Ecuador		PTG = Portugal	ZAI = Zaire
EGY = Egypt		QAT = Qatar	

DESCRIPTION

c = Composite	irn = Iron	s. = Steamship
f = Ferro-concrete	m. = Motorship	(T) = Oil Tanker
gt = Gas Turbine	rp. = Reinforced plastic	w = Wood

Note—Unless otherwise stated, all steamships and motorships were of steel construction

Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AGIA IRINI 1948	1545	PAN	m. cargo	Piræus—Genoa	Cotton	Sprang leak and sank 15 miles S. of Zakinthos.	23rd May
AJAY SAHI 1972	401	IND	m. cargo	Karachi—Kuwait	Onions	Capsized and sank off Ra's Jask Lighthouse after cargo shifted in heavy weather.	1st Apr.
ALCO BUENOS AIRES 1948	495	PAN	m. trawler	... ..	...	At Necochea whilst laid up.	11th June
ANNA MARIA L. ... 1962	1599	GRC	m. cargo	Bandar Abbas—Marina di Carrara	Marble blocks	Sprang leak and sank off Seeb, Oman, in lat. 23 36 30N., long. 58 21 00E.	26th Apr.
ARO 1935	284	NOR	m. cargo	Austefjord—Raudeberg	Sand	Sprang leak and sank off Maaloy in heavy weather.	11th May
BONNIE 1935	713	PAN	m. cargo	At Singapore	Heavy machinery & timber	Developed list and capsized, half submerged, while anchored in Eastern Anchorage, Singapore, in lat. 01 16 27N., long. 103 51 48E; subsequently raised, sold and broken up.	11th May

Continued

Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
CLASS —	110	PAN	m. tug	... ..	...	14 miles N. of Grand Bocas, Trinidad.	20th May
CONSUELO 1977	136	ECU	m. fishing	... ..	...	Capsized and sank S.W. of Buenaventura in lat. 03 25N., long. 77 55W., in heavy weather.	18th May
DAIEI MARU No. 2 ... 1971	195	JPN	m. cargo	... ..	...	25 miles off W. Sadamisaki Lighthouse, Ehime.	20th June
DESIRE 1974	306	NTH	m. fishing	... ..	...	Capsized and sank 10 miles off Orango Island in lat. 10 32N., long. 16 40W.	17th Apr.
EILEEN 1953	394	CYP	m. cargo	Marseilles— Beirut	...	S.E. of Toulon in lat. 42 44N., long. 06 12E.	10th May
ELSIE 1965	300	RCV	m. cargo	Dakar—Praia	General	Sprang leak and sank off Cape Verde Islands in lat. 14 54N., long. 23 16W.	24th June
EMANUELA C. ... 1958	499	ITL	m. cargo	Carrara—Algiers	Powdered marble	3 miles off Cap Bougaroni.	7th Apr.
EVOIKOS 1972	129	GRC	m. fishing	... ..	...	Off Cavessas, Mauritania, in heavy weather.	23rd Apr.
FRIENDSHIP BEGINNING ... 1962	1910	GRC	m. cargo	Abidjan—Dakar	Logs	Sprang leak and sank off Sierra Leone in lat. 07 00N., long. 12 00W.	3rd June
FUKUSHIMA MARU 1961	193	JPN	m. cargo	... ..	...	W. of Naoshima Terajima Lighthouse.	23rd May
GOLDEN VICTORY ... 1958	5813	PAN	m. cargo	Yokohama— Jeddah	...	S.E. of Socotra in approximately lat. 10 18N., long. 59 20E.	16th June
GRACE BONNY ... 1957	994	CYP	m. cargo	Port Harcourt— Las Palmas	Ballast	Off Mauritania in approximately lat. 17 56N., long. 19 05W.	21st May
HAI TIEN No. 3 ... 1969	250	CHT	m. fishing	... ..	...	Sprang leak in engine room and sank in lat. 34 34S., long. 14 30E.	5th Apr.
HENRIETTE BRAVO ... 1973	1399	DEN	m. cargo	Roscoff—	Oil polluted seaweed	43 miles off Ushant in lat. 49 07 30N., long. 05 26 30W., after cargo shifted.	14th Apr.
LIBERTY BELL ... 1944	199	USA	w.m. fishing	... ..	...	Off Santa Margarita Island, Baja California, in approximately lat. 24 42N., long. 112 12W.	19th June
LUNDE JR. 1963	237	NOR	m. tug	... ..	...	Capsized and sank in Gandafjord near Stavanger.	4th Apr.
ORCA 1972	137	SAF	m. fishing	... ..	...	Capsized and sank 15 miles N. of Palgrave Point, S.W. Africa.	1st Apr.
PAL 1952	984	CYP	m. cargo	Thessaloniki— Jeddah	General	Sprang leak and sank off Alonissos Island, Aegean Sea.	24th June
PERINA 1966	206	SAF	m. fishing	... ..	...	Sprang leak on 28th May and sank 130 miles S. of Cape Agulhas in lat. 36 12S., long. 22 12E.	29th May
QUADER 1944	300	BNG	m. cargo	Chittagong— Barisal	Cement	Off Chittagong in lat. 22 16 05N., long. 91 42 04E.	22nd May
WESTERN FISHER ... 1942	181	USA	w.m. cargo	... ..	...	Reported sprang leak and sank off Turkey Bay, Baja California.	3rd May
WING ON 1940	1973	HON	m. cargo	Madras—Penang	Barytes	S.E. of Madras in lat. 11 36N., long. 83 35E., in heavy weather.	28th May
ZEEHAAN 1938	500	SAF	m. trawler	... ..	...	Sprang leak and sank N.W. of Walvis Bay in lat. 20 42S., long. 12 46E., whilst in tow.	12th May

Missing

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
VITASEA 1958	8920	GRC	m. cargo	Maputo—Caronte	Chrome ore	Sailed from Maputo on 13th April for Caronte; last reported 240 miles off Caronte at 1800 hours on 4th May and not since heard of.	...

Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AEGIS PRESIDENT ... 1963	20073	GRC	m. tanker	At Gdansk	...	Extensively damaged by explosion and fire whilst under repair at Gdansk; subsequently towed to Bilbao and sold for breaking up.	23rd May
ANTAGORAS 1955	8746	PAN	m. cargo	Japan—Apapa/ Lagos	General	Extensively damaged by fire in engine room off Cotonou and beached 4 miles E. of Cotonou Harbour on 16th May; subsequently broke in two.	11th May
ARONA 1968	1639	SPN	m. cargo	Las Palmas— Lagos	Frozen fish	Caught fire in approximately lat. 25 58N., long. 16 05W., and taken in tow; subsequently sank 5 miles S. of Las Palmas in lat. 28 02 06N., long. 15 22 36W., on 23rd April.	22nd Apr.
BOSTON TYPHOON... 1959	393	SAF	m. trawler	... ..	...	Caught fire in engine room 56 miles N.W. of Saldanha Bay in approximately lat. 32 43S., long. 16 50E., and towed to Cape Town; subsequently scuttled off Robben Island.	23rd Apr.
CHRYSSOPIGI II ... 1951	3730	GRC	m. cargo	Aquaba—Sicily	Ballast	Extensively damaged after explosion and fire in engine room 150 miles N. of Port Said, taken in tow and beached; subsequently refloated, towed to Laurium and beached; to be broken up.	6th May
DELTA SIGMA PI ... 1954	3982	PAN	s. cargo	Bangkok— Nigeria	Rice & canned fish	Caught fire and sank after explosion off Pak Nan, S. of Bangkok, in lat. 13 23 10N., long. 100 35 32E.	16th Apr.
KEMPHAAN 1959	460	TON	m. cargo	Timaru—Apia	Meat	Caught fire in lat. 43 42S., long. 173 20E., towed to Lyttelton and beached; subsequently refloated, towed out to sea and sunk by bombing in lat. 43 15S., long. 173 56E., on 17th June.	11th June
LE CONDOR 1964	146	SAF	w.m. fishing	... ..	...	Caught fire in engine room and sank S.E. of Port Elizabeth in lat. 34 02S., long. 26 19E.	13th June
MAIRA 1977	9483	GRC	m. cargo	Newcastle N.S.W. —Khorramshahr	General	Damaged by fire and explosion in engine room and subsequently sank 180 miles N.W. of Geraldton in approximately lat. 29 10S., long. 111 16E., on 10th April.	9th Apr.
MARINA K. 1950	1391	PAN	m. cargo	Galatz—Apapa/ Lagos	Tomato paste	Sank after explosion in engine room W. of Freetown in lat. 08 40N., long. 14 47W.	12th Apr.
NISSOS RODOS ... 1953	6694	GRC	m. ferry	Rhodes—Piræus	Passengers & vehicles	Caught fire after explosion in engine room off Amorgos Island, taken in tow but developed list and beached at Legrena near Laurium; subsequently refloated, towed to Kynosoura and beached for breaking up.	25th June

Continued

Burnt—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
SOUZACO 1956	425	CYP	m. cargo	Malta—Benghazi	...	Sank after explosion and flooding in engine room N.W. of Benghazi in lat. 33 22 15N., long. 18 06 35E.	5th May
YOUNG DUCK... .. 1957	3424	KRS	m. cargo	Iwakuni—Inchon	Steel coils & wood pulp	Caught fire in engine room in the Korean Strait in lat. 34 00N., long. 128 30E; subsequently taken in tow but sank off Busan in lat. 35 05 00N., long. 129 07 30E., on 21st April.	20th Apr.

Collision

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ALACRAN 1964	295	SPN	m. trawler	... ..	...	Sank after collision with DALER W. of Conakry in lat. 09 24N., long. 15 38W.	10th May
AMA ANTONITA ... 1963	107	SPN	w.m. trawler	... ..	...	Sank after collision with TORRONTERO 18 miles off the coast between Castro Urdiales and Cabo Machichaco.	12th Apr.
DAIEI MARU No. 28 ... 1962	363	JPN	m. fishing	... ..	...	Sank after collision with SHINMEI MARU No. 28 in lat. 39 18 05N., long. 133 34 00E.	15th June
DAISHIN MARU No. 15 ... 1964	1496	JPN	m. stern trawler	... ..	...	Sank after collision with BANSHU MARU No. 7 200 miles S.E. of Newfoundland in lat. 44 11N., long. 49 58W.	20th June
ELENI V... .. 1958	12680	GRC	m. tanker	Europoort—Grangemouth	Heavy fuel oil	Cut in two after collision with ROSELINE N.E. of Great Yarmouth in lat. 52 49 00N., long. 01 47 30E; forepart sunk by explosives 20 miles off Lowestoft in lat. 52 30N., long. 02 27E; afterpart towed to Rotterdam and thence to Santander and broken up.	6th May
FOCA II... .. 1961	215	ARG	m. trawler	... ..	...	Sank after collision with COMODORO RIVADAVIA in Samborombon Bay, 130 miles off Buenos Aires in lat. 35 49S., long. 56 27W.	10th May
FUKUYOSHI MARU No. 8 ... 1977	199	JPN	m. cargo	... ..	...	Sank after collision with HAKURYU MARU approximately 6 miles S.E. of Daiozaki, Mie Pref.	25th June
GLOBAL EXPORTER ... 1972	1570	KRS	m. cargo	Busan—Kobe	General	Sank after collision with EIRYU MARU 2 miles off Hime Shima Lighthouse, Oita, in lat. 33 45 04N., long. 131 43 00E., in dense fog.	15th June
JAN 1939	289	DEN	m. cargo	Larvik—Brussels	Stone	Sank after collision with STARTPOINT 45 miles W. of Esbjerg in lat. 55 26 18N., long. 06 54 30E.	1st Apr.
LADY MARIA 1970	434	CAN	m. stern trawler	... ..	...	Sank after collision with MARKA L 50 miles S. of St. Pierre & Miquelon in lat. 46 00N., long. 56 42W., in dense fog.	12th June
PUERTO DE PAJARES ... 1953	618	SPN	m. cargo	... ..	...	Sank after collision with NEDA 2 miles off Tarifa in lat. 36 01 06N., long. 05 37 54W.	12th May
SHINMEI MARU No. 28 ... 1964	193	JPN	m. fishing	... ..	...	Sank after collision with DAIEI MARU No. 28 in lat. 39 18 05N., long. 133 34 00E.	15th June

Continued

JUNE 1978

Collision—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
UKIGAME MARU No. 3 1957	175	JPN	w.m. cargo	At Moji	Maize	Sank after collision with DEFIANT at Moji; subsequently raised and disposed of by burning.	5th June
YELLOWSTONE ... 1945	11034	USA	s. bulk carrier	Comeau Bay— Tunisia	Grain	Collided with IBN BATOUTA 14 miles S.E. of Europa Point, Gibraltar, in fog, both vessels being locked together; separated on 13th June but sank 77 miles S.E. of Gibraltar in lat. 35 43 36N., long. 03 51 12W.	12th June
ZUIHO MARU No. 21 1963	253	JPN	m. fishing	... ..	...	Sank after collision with RYOKA MARU NO. 25 in lat. 39 18 00N., long. 142 22 04E.	15th Apr.

Wrecked

(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AMINONA 1959	13124	GRC	m. tanker	Paranagua— Itaqui	Mogas & diesel oil	Stranded at Itaqui, near Sao Luis, in lat. 02 17 48S., long. 44 12 42W; subsequently refloated, taken to Montevideo and thence to Burriana, sold and broken up.	26th May
ANNA MARIA S ... 1957	5728	GRC	m. cargo	Gdynia—Tripoli	Bagged sugar	Stranded 15 miles S.W. of Bornholm; subsequently refloated, towed to Kiel and thence to Hamburg, sold and broken up.	20th May
ATHENIAN VICTORY II 1958	16695	GRC	m. tanker	Djibouti—Durban	Ballast	Stranded 1 mile N. of Ile Maskali; subsequently refloated and towed to Djibouti and sold for breaking up.	17th May
ATTIKI 1966	3320	GRC	m. cargo	Genoa—Port Sudan	Cement	S. of Ras Dib near Ras Shukheir in approximately lat. 28 00N., long. 33 27E., after developing engine trouble in heavy weather; subsequently extensively damaged by fire on 23rd May.	24th Apr.
CACIQUE CATRIEL ... 1959	2124	ARG	m. cargo	La Guaira— Buenos Aires	Ballast	Near Paracuru, 55 miles N.W. of Fortaleza; to be broken up.	5th June
CHANTAL 1935	486	PAN	m. cargo	Cap Haitien— Aruba	Scrap metal	Off El Cortecito Bavaro, Dominican Republic, after making water.	24th June
CHEMICARRY No. 6... 1970	991	KRS	m. liquefied gas carrier	Ulsan—Yosu	Vinyl chloride monomer	Off Busan in lat. 35 10N., long. 129 13E; subsequently broke in two.	1st May
DON FRANCISCO ... 1944	683	PHI	m. cargo	Manila—Davao	General	Off Banton Island, E. of Mindoro Island, during a typhoon.	21st Apr.
HAGIURA MARU ... 1965	457	JPN	m. cargo	... ..	...	Stranded and sank off Jonohana, Kuchinoerabujima Kamiyaku, Kumage-gun, Kagoshima Pref.	5th June
ISABELITA 1955	7471	GRC	m. cargo	Tarragona— Abu Dhabi	Bagged cement	At Abu Madafi, 80 miles N. of Jeddah.	30th Apr.
KAIYO MARU No. 1 ... 1969	280	JPN	m. fishing	... ..	...	N.W. of Walvis Bay in lat. 19 05S., long. 12 35E.	25th May
KALIMANTAN HAYU I —	103	IDA	m. cargo	Pegaton—	Timber	Stranded and sank at Ujung Sawar Batu Tiga, Teluk Sabangun.	11th June
KOHO MARU No. 18... 1970	344	JPN	m. fishing	... ..	...	Stranded and sank off Hormigas Islands, 35 miles W. of Callao.	6th June

Continued

Wrecked—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
KYOTOKU MARU No. 27 1966	199	JPN	m. sand carrier	... ..	...	Stranded and sank off Arikawa, Minami Matsura-gun, Naga- saki Pref.	28th Apr.
LENADOR 1952	361	SPN	m. cargo	El Ferrol—Burela	Ballast	At Punta del Cuardo, near Cape Ortegal, in lat. 43 45N., long. 07 55W.	6th Apr.
LEO 1959	101	ICL	m. fishing	... ..	...	At Rangarsundur, Iceland, in lat. 63 43N., long. 20 37W.	2nd Apr.
LEYTE 1944	718	PHI	m. cargo	Manila—Cebu City	Passengers & general	Off Barrio Hinugusan, Tablas Island, in lat. 12 30 00N., long. 122 06 48E., after breaking moorings during a typhoon.	20th Apr.
NEKTARIOS 1947	1531	CYP	m. cargo	Mombasa— Greece	Ballast	On S. tip of Perim Island, en- trance to Red Sea, in heavy weather.	16th Apr.
NISSEN MARU No. 3 1961	499	JPN	m. cargo	Fukuyana— Hakata	Powdered stone	Stranded off Myoken Saki Light in lat. 33 56 00N., long. 130 41 06E; subsequently raised, taken to Wakamatsu, Kita- kyushu, sold and broken up.	23rd Apr.
NORSEMAN 1973	197	USA	m. trawler	... ..	...	Stranded and sank at Graham Reach, Griffin Point, Swanson Bay, British Columbia.	19th June
SHEBA 1976	433	UAE	m. cargo	Aden—Dubai	Ballast	On E. side of Masirah Island.	30th May
SKIPPER NICK 1956	8707	CYP	m. cargo	Constanza— Vietnam	Urea	Stranded on the S. side of Batu Berlayar, Aruah Islands, in lat. 02 52 00N., long. 100 37 30E; damaged by fire during refloating operations, subse- quently listed and sank on 15th May.	5th May
TAISHIN MARU No. 12 1964	491	JPN	m. gravel carrier	Katsuura, Waka- yama—Kinuura, Aichi	Gravel	Off Kamishima Lighthouse, Irago Strait; subsequently broke in three.	2nd June

Lost

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ST. LUKE 1961	391	GBI	m. trawler	... ..	...	Reported struck mine and sank at Dogger Bank, 160 miles E. of the River Tyne.	18th May

ADDITIONAL INFORMATION

KAIYO MARU No. 13, 462 tons gross motor cargo ship, built 1965, JPN flag. Reported foundered off Toinomisaki, Kashima, Miyazaki Pref., in heavy weather on 28th December, 1977.

MARUDAI MARU No. 2, 293 tons gross motor fishing vessel, built 1958, JPN flag. Reported stranded and sank in lat. 40 59S., long. 172 05E., on 4th January, 1977.

TABLE 2—STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.
NOT CONSEQUENT UPON CASUALTY DURING THE QUARTER

Flag	No.	Tons Gross	Place of Disposal	No.	Tons Gross
Argentina	1	7,604	Argentina	1	7,604
Australia	2	28,076	Bahamas	1	149
Bahamas	1	149	Canada	1	7,126
Canada	1	7,126	China, People's Republic of	2	12,254
China, People's Republic of	—	—	Taiwan, Province of	68	1,783,627
Taiwan, Province of	1	18,161	France	1	371
Cyprus	11	65,298	Hong Kong	10	59,838
Denmark	1	35,508	Italy	8	54,011
Finland	1	12,303	Japan	69	32,729
France	5	228,852	Korea (South)	5	111,873
Germany, Federal Republic of	2	34,931	Netherlands	1	359
Greece	27	346,539	Norway	1	682
Honduras	1	2,614	Pakistan	35	253,185
Italy	5	88,508	Poland	2	1,350
Japan	71	148,759	South Africa	2	1,222
Liberia	41	890,510	Spain	24	304,002
Malaysia	1	3,161	United Kingdom	7	41,040
Netherlands	2	21,302	United States of America	5	26,961
Norway	7	246,181	Yugoslavia	3	37,858
Pakistan	1	15,941			
Panama	27	193,509			
Poland	3	8,135			
Saudi Arabia	1	7,690			
Singapore	8	51,853			
South Africa	2	1,222			
Spain	1	10,413			
Switzerland	1	6,704			
U.S.S.R.	3	1,974			
United Kingdom	15	244,680			
United States of America	2	8,320			
Venezuela	1	218			
World Total	246	2,736,241	World Total	246	2,736,241

ASIA
ASPA
ASTR
ASTR
ATLA
AXINA
BAY T
BEAVE
BELINI
BENLE
BHAMI
BITAS
BLYTH
BOMAF
BORDIC
BOZE N
BRITISH
BURMA
C.F. KAN
CAPETA
CAPO E
CHARIO
CHEER
CHEMIC
CHEVRC
CHICAG
CHOSEI
CONQUE
DAIRYO
DAITO N
DAUNTL
DAWN
DEEPWA
DERBY
DON QU
DORIAN
EASTERN
EFXINOS

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
ABDOU 1950	1535	PAN	s. cargo	Broken up	Pakistan
AETHRA 1957	10043	LIB	s. cargo	Broken up	Taiwan, Province of
AFRICAN GLORY 1941	4556	GRC	m. cargo	Broken up	Italy
AGNIC 1954	6177	GRC	m. cargo	Broken up	Pakistan
AGRIGENTUM... .. 1958	41225	ITL	s. ore/oil carrier	Broken up	Korea (South)
AIKO MARU 1966	481	JPN	m. tanker	Broken up	Japan
AITAKA MARU No. 1 1961	199	JPN	m. tanker	Broken up	Japan
AKRITAS 1958	23306	LIB	s. tanker	Broken up	Taiwan, Province of
AL-REHMAT 1954	8560	PAN	m. cargo	Broken up	Taiwan, Province of
ALASKA GETTY 1960	61669	LIB	s. tanker	Broken up	Taiwan, Province of
ALPA 1941	9159	CYP	m. cargo	Broken up	Hong Kong
ANADARA 1959	12280	GBI	s. tanker	Broken up	Spain
ARA 1960	28007	GRC	s. tanker	Broken up	Taiwan, Province of
ARIANTA 1959	13148	GBI	s. tanker	Broken up	Taiwan, Province of
ARIS 1956	7850	GRC	m. cargo	Broken up	Pakistan
ARISTOTELIS 1948	3932	CYP	m. cargo	Broken up	Pakistan
AROLLA 1954	6704	SWZ	m. cargo	Broken up	Italy
ARYL 1953	3192	PAN	s. cargo	Broken up	Italy

Continued

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
ASIA MARU 1961	28510	JPN	s. tanker	Broken up	Taiwan, Province of
ASPASIA 1953	7599	PAN	m. cargo	Broken up	Pakistan
ASTRAEA 1958	12592	GRC	s. tanker	Broken up	Spain
ASTRO ORION 1961	29726	PAN	m. tanker	Broken up	Korea (South)
ATLANTIC MARU 1967	51515	JPN	m. ore/oil carrier	Broken up	Taiwan, Province of
AXINA 1958	12283	GBI	s. tanker	Broken up	Taiwan, Province of
BAY TRADER 1954	3917	GFR	s. cargo	Broken up	United Kingdom
BEAVER 1957	20463	LIB	s. tanker	Broken up	Taiwan, Province of
BELINDA 1946	6155	PAN	m. cargo	Broken up	Taiwan, Province of
BENELEI 1954	8800	GBI	s. cargo	Broken up	Korea (South)
BHAMBORE 1959	15941	PAK	m. tanker	Broken up	Pakistan
BITAS 1956	7731	PAN	m. cargo	Broken up	Taiwan, Province of
BLYTH ADVENTURER 1958	12423	GBI	m. tanker	Broken up	Taiwan, Province of
BOMARI 1938	2614	HON	m. cargo	Broken up	Hong Kong
BORDIGHERA 1959	22963	ITL	s. tanker	Broken up	Taiwan, Province of
BOZE MARU No. 8 1961	141	JPN	m. ferry	Broken up	Japan
BRITISH VENTURE 1963	23397	GBI	m. tanker	Broken up	Taiwan, Province of
BURMAH GARNET 1964	36136	GBI	m. ore/oil carrier	Broken up	Spain
C.F. KAYSER 1936	601	SAF	s. tug	Broken up	South America
CAPETAN MICHALIS 1964	38538	GRC	s. tanker	Broken up	Taiwan, Province of
CAPO EMMA 1943	10394	ITL	m. tanker	Broken up	Italy
CHARIOT 1957	23663	LIB	s. tanker	Broken up	Taiwan, Province of
CHEER OCEAN 1953	9422	PAN	m. cargo	Broken up	Taiwan, Province of
CHEMICAL TRADER 1954	479	LIB	m. chemical carrier	Scuttled	Off United States of America
CHEVRON AMSTERDAM 1960	20943	NTH	s. tanker	Broken up	Taiwan, Province of
CHICAGO TRADER 1911	7188	USA	s. bulk carrier	Broken up	United States of America
CHOSEI MARU No. 3 1957	357	JPN	m. fishing	Scuttled	Off Japan
CONQUEROR 1956	17944	LIB	s. ore/oil carrier	Broken up	United States of America
DAIRYO MARU No. 7 1962	125	JPN	m. fishing	Broken up	Japan
DAITO MARU No. 88 1971	124	JPN	m. fishing	Broken up	Japan
DAUNTLESS 1946	218	VEN	m. tug	Broken up	United States of America
DAWN 1946	3133	ITL	m. cargo	Broken up	Italy
DEEPWATER BAY 1958	20862	LIB	s. tanker	Broken up	Taiwan, Province of
DERBY 1958	10395	LIB	s. cargo	Broken up	Yugoslavia
DON QUIXOTE 1958	10057	PAN	s. cargo	Broken up	Pakistan
DORIAN 1956	10486	LIB	s. cargo	Broken up	Italy
EASTERN MATSU 1963	7990	LIB	m. ore carrier	Broken up	Japan
EPXINOS 1950	4734	GRC	m. cargo	Broken up	Pakistan

Continued

JUNE 1978

ross
.604
.149
.126
.254
.627
.371
.838
.011
.729
.873
.359
.682
.185
.350
.222
.002
.040
.961
.858

241

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
EISHIN MARU No. 38 1970	124	JPN	m. fishing	Broken up	Japan
EISHIN MARU No. 50 1969	349	JPN	m. fishing	Broken up	Japan
ELINELA 1950	4622	CYP	m. cargo	Broken up	Pakistan
EMMA MAERSK 1964	35508	DEN	s. tanker	Broken up	Taiwan, Province of
ENTRE RIOS 1945	7604	ARG	s. cargo	Broken up	Argentina
EPICO 1960	12897	LIB	m. tanker	Broken up	Spain
ESPEROS 1955	5869	CYP	m. cargo	Broken up	Pakistan
ESSO ALSACE 1960	25022	LIB	s. tanker	Broken up	Taiwan, Province of
ESSO ESSEN 1960	31014	GFR	s. tanker	Broken up	Taiwan, Province of
ESSO NEW HAVEN 1959	20312	LIB	m. tanker	Broken up	Taiwan, Province of
ESTEL 1959	12588	LIB	m. tanker	Broken up	Yugoslavia
F. SHERMBRUCKER 1938	621	SAF	s. tug	Broken up	South Africa
FLORITA 1949	3625	GRC	m. cargo	Broken up	Pakistan
FORD 1947	3543	PAN	m. cargo	Broken up	Taiwan, Province of
FOTINI 1957	10493	GRC	s. cargo	Broken up	Taiwan, Province of
FUJISHIMA MARU 1960	284	JPN	m. tanker	Broken up	Japan
GALICIA 1923	10413	SPN	s. fish factory	Broken up	Spain
GARY ROBERTS 1942	149	BAH	m. cargo	Broken up	Bahamas
GATCHINA 1956	658	USR	s. fishing	Broken up	Spain
GEIYO MARU No. 13 1966	198	JPN	m. sand carrier	Broken up	Japan
GENERAL SIKORSKI 1957	6785	POL	m. cargo	Broken up	United Kingdom
GIPSY 1953	12697	CYP	m. bulk carrier	Broken up	Spain
GOLDEN CITY 1955	8046	SNG	m. cargo	Broken up	Hong Kong
GOLDEN FALCON 1954	9519	PAN	s. cargo	Broken up	Taiwan, Province of
GOLDEN LAND 1954	5520	SNG	m. cargo	Broken up	Hong Kong
GREAT PEACE 1953	7716	PAN	m. cargo	Broken up	Taiwan, Province of
GULF ORIENT 1949	7378	GBI	m. cargo	Broken up	Pakistan
GULF TRADER 1949	7240	GBI	m. cargo	Broken up	Taiwan, Province of
GULF VOYAGER 1949	7431	GBI	m. cargo	Broken up	Pakistan
GWENOLA 1966	56887	FRA	m. tanker	Broken up	Taiwan, Province of
HACHIKO MARU 1962	111	JPN	m. cargo	Broken up	Japan
HACHIRYU MARU No. 31 1969	349	JPN	m. fishing	Broken up	Japan
HAGANE MARU 1960	1590	JPN	m. cargo	Broken up	Japan
HAI FEI 1948	4875	SNG	m. passenger & cargo	Broken up	Pakistan
HAI KWANG 1956	18161	CHT	s. tanker	Broken up	Pakistan
HAI SHEONG 1949	4772	SNG	m. cargo	Broken up	Pakistan
HAPPY 1952	2901	PAN	s. cargo	Broken up	Italy
HAROLD H. HELM 1958	51319	LIB	s. tanker	Broken up	Taiwan, Province of
HEIUN MARU No. 35 1968	194	JPN	m. fishing	Broken up	Japan

Continued

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
HELLENIC MED 1954	8121	GRC	s. cargo	Broken up	Pakistan
HIROKAWA MARU 1961	396	JPN	m. cargo	Broken up	Japan
HIROTA MARU 1961	397	JPN	m. cargo	Broken up	Japan
HOEI MARU 1963	197	JPN	m. cargo	Broken up	Japan
HOLY CROSS 1944	14875	LIB	s. bulk carrier	Broken up	Yugoslavia
HOLY TRINITY 1961	12645	LIB	s. bulk carrier	Broken up	Italy
HONGKONG TRUTH 1954	7728	PAN	m. cargo	Broken up	Hong Kong
HOSHO MARU 1959	993	JPN	m. cargo	Broken up	Japan
HOLCOS 1957	12614	GRC	s. tanker	Broken up	Spain
IRON DAMPIER 1961	14037	AST	s. ore carrier	Broken up	Taiwan, Province of
IRON FLINDERS 1959	14039	AST	s. ore carrier	Broken up	Taiwan, Province of
ISABEL Z 1960	29967	LIB	s. tanker	Broken up	Spain
ITSUKI MARU 1966	499	JPN	m. tanker	Broken up	Japan
JAGRANDA 1963	50755	NOR	s. tanker	Broken up	Taiwan, Province of
JESSICA 1950	7150	CYP	s. cargo	Broken up	Pakistan
JISSHO MARU 1970	108	JPN	m. cargo	Broken up	Japan
KAIKO MARU No. 2 1968	419	JPN	m. cargo	Broken up	Japan
KANAYA MARU 1960	495	JPN	m. ferry	Broken up	Japan
KENZAN MARU 1964	684	JPN	m. cargo	Broken up	Japan
KING PELEUS 1958	20487	GRC	s. tanker	Broken up	Taiwan, Province of
KING THERUS 1956	21131	GRC	s. tanker	Broken up	Taiwan, Province of
KINSHO MARU No. 18 1961	323	JPN	m. cargo	Broken up	Japan
KONPIRA MARU No. 2 1961	198	JPN	m. cargo	Broken up	Japan
KOSHIN MARU No. 1 1964	195	JPN	m. cargo	Broken up	Japan
KOTA MAKMUR 1948	9827	SNG	m. passenger & cargo	Broken up	Pakistan
KOTA MURNI 1954	8546	SNG	m. cargo	Broken up	Pakistan
KOTA SARI 1949	4874	SNG	m. passenger & cargo	Broken up	Pakistan
KOTRONAS SKY 1956	1647	CYP	m. cargo	Broken up	Spain
KOUANG SI 1957	6529	FRA	m. cargo	Broken up	Taiwan, Province of
KOUN MARU 1962	297	JPN	m. cargo	Broken up	Japan
KURENAI MARU No. 5 1964	437	JPN	m. tanker	Broken up	Japan
KYMA 1959	24369	LIB	s. tanker	Broken up	Taiwan, Province of
KYOEI MARU No. 6 1959	182	JPN	m. tanker	Broken up	Japan
KYOKUYU MARU 1959	199	JPN	m. tanker	Broken up	Japan
KYRAVATHIA 1954	8532	GRC	m. cargo	Broken up	Spain
KYUHO MARU 1962	293	JPN	m. fishing	Broken up	Japan
LANCING 1950	12303	FIN	m. tanker	Broken up	Spain
LAVENDER 1955	8281	CYP	m. cargo	Broken up	Pakistan

Continued

JUNE 1978

Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
LEONIDAS G 1952	8763	GRC	m. cargo	Broken up	Pakistan
LINNET 1945	11034	PAN	s. bulk carrier	Broken up	Taiwan, Province of
LORETTA 1952	15586	LIB	s. bulk carrier	Broken up	Taiwan, Province of
LUCKY FOUR... .. 1948	6861	PAN	m. cargo	Broken up	China, People's Republic of
LYKOMEDIS 1958	16371	GRC	m. tanker	Broken up	Spain
MAGDALA 1968	105296	FRA	s. tanker	Broken up	Taiwan, Province of
MARIA CHRISTINA 1955	10135	GRC	s. cargo	Broken up	Pakistan
MASTURA 1950	7690	SAU	m. cargo	Broken up	United Kingdom
MATINA... .. 1952	7540	PAN	m. cargo	Broken up	Pakistan
MATSUEI MARU No. 3 1969	199	JPN	m. sand carrier	Broken up	Japan
MEROPI A. 1954	7622	CYP	m. cargo	Broken up	Hong Kong
MIYA MARU No. 3 1961	317	JPN	m. tanker	Broken up	Japan
MOBIL DAYLIGHT 1964	81516	GBI	s. tanker	Broken up	Taiwan, Province of
MOGAMI MARU No. 8 1958	274	JPN	m. cargo	Broken up	Japan
NAKANO MARU No. 15 1967	273	JPN	m. cargo	Broken up	Japan
NANIWA MARU 1957	278	JPN	m. cargo	Broken up	Japan
NEW DRAGON 1950	5393	SNG	m. cargo	Broken up	China, People's Republic of
NEW KEELUNG 1952	3528	PAN	m. cargo	Broken up	Hong Kong
NGUYEN NAVIGATOR 1944	901	PAN	m. cargo	Broken up	Hong Kong
NITTO MARU No. 71 1966	314	JPN	m. fishing	Broken up	Japan
NORDIC REGENT 1963	21329	LIB	m. bulk carrier	Broken up	Korea (South)
NORMA... .. 1949	18801	LIB	s. bulk carrier	Broken up	Taiwan, Province of
NORTH LORD 1959	12390	GRC	m. tanker	Broken up	Spain
OMONIA 1955	16741	GRC	m. tanker	Broken up	Spain
OREAD 1956	11266	LIB	s. ore carrier	Broken up	Taiwan, Province of
ORIENTAL MUSICIAN 1954	8212	LIB	m. passenger & cargo	Broken up	Hong Kong
OSWEGO VENTURE... .. 1966	27977	LIB	s. ore carrier	Broken up	Taiwan, Province of
OTOMI MARU 1964	198	JPN	m. cargo	Broken up	Japan
PANAGHIA P 1947	2576	GRC	m. cargo	Broken up	Spain
PANAGIOTIS L 1957	10493	GRC	s. cargo	Broken up	Pakistan
PENNY CONWAY 1964	51833	LIB	m. tanker	Broken up	Taiwan, Province of
PERMINA SAMUDRA VII 1955	16006	LIB	s. tanker	Broken up	Taiwan, Province of
PERMINA SAMUDRA X 1956	20218	LIB	s. tanker	Broken up	Taiwan, Province of
PETROLA 2 1952	16083	GRC	m. tanker	Broken up	Spain
PHAEDRA E. 1954	12570	GRC	m. bulk carrier	Broken up	Spain
PINEDALE 1906	7126	CAN	s. bulk carrier	Scuttled	Off Canada
POINT ARENA 1943	1132	USA	m. tug	Broken up	United States of America

Continued

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
POLYQUEEN 1964	39249	NOR	m. tanker	Broken up	Taiwan, Province of
RAPIDO... .. 1957	10793	ITL	s. cargo	Broken up	Korea (South)
RELIANT 1954	8460	GBI	m. supply	Broken up	United Kingdom
RIDGEWAY 1964	36830	LIB	m. tanker	Broken up	Taiwan, Province of
ROGER GASQUET 1964	53632	FRA	m. tanker	Broken up	Taiwan, Province of
RYUJIN MARU No. 7 1969	348	JPN	m. fishing	Broken up	Japan
SAIKAI MARU... .. 1953	199	JPN	m. ferry	Broken up	Japan
SANEI MARU No. 1 1962	434	JPN	m. tanker	Broken up	Japan
SANG SURIA 1947	3161	MAL	m. passenger & cargo	Broken up	Pakistan
SANTOKU MARU 1966	170	JPN	m. cargo	Broken up	Japan
SANTOKU MARU No. 10 1967	193	JPN	m. cargo	Broken up	Japan
SAVICK 1949	618	GBI	s. hopper dredger	Broken up	United Kingdom
SCHEBA... .. 1949	5190	PAN	m. cargo	Broken up	Pakistan
SEA 1958	13533	GRC	m. tanker	Broken up	Taiwan, Province of
SEA GLORY 1949	5418	PAN	m. cargo	Broken up	Pakistan
SEIKO MARU 1965	697	JPN	m. cargo	Broken up	Japan
SETUN MARU No. 3 1966	274	JPN	m. chemical tanker	Broken up	Japan
SERIFOS 1958	13910	GRC	s. cargo	Broken up	Taiwan, Province of
SHIMANE MARU 1961	106	JPN	m. patrol	Broken up	Japan
SHINANO 1951	243	JPN	m. patrol	Broken up	Japan
SHINKO MARU 1962	199	JPN	m. sand carrier	Broken up	Japan
SHINKO MARU No. 8 1972	124	JPN	m. fishing	Broken up	Japan
SHOKAKU 1964	4269	JPN	m. floating crane	Broken up	Japan
SHOKEN MARU No. 58 1967	122	JPN	m. fishing	Broken up	Japan
SHOWA MARU No. 8 1964	251	JPN	m. tanker	Broken up	Japan
SILVER FIR 1950	12929	LIB	m. bulk carrier	Broken up	Spain
SIR WINSTON CHURCHILL 1966	51642	NOR	s. tanker	Broken up	Taiwan, Province of
SKARBO... .. 1958	21558	NOR	s. ore carrier	Broken up	Spain
SOLANA 1964	35154	LIB	m. tanker	Broken up	Taiwan, Province of
ST. JOHN III 1959	15772	LIB	m. tanker	Broken up	Spain
STELIOS M 1945	3948	CYP	m. cargo	Broken up	Pakistan
STRENGTH 1948	7404	LIB	m. cargo	Broken up	Taiwan, Province of
SUMIEI MARU No. 12 1969	199	JPN	m. sand carrier	Broken up	Japan
SUNZA 1970	176	JPN	m. ferry	Broken up	Japan
SYNASSOS 1957	12557	GRC	m. tanker	Broken up	Pakistan
TAIKO MARU... .. 1965	489	JPN	m. tanker	Broken up	Japan
TAIKO MARU No. 7... .. 1969	408	JPN	m. tanker	Broken up	Japan
TAILUNGSHAN 1947	2711	PAN	m. cargo	Broken up	Taiwan, Province of

Continued

JUNE 1978

Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
TAISEI MARU No. 3 1963	199	JPN	m. cargo	Broken up	Japan
TAISEI MARU No. 11 1960	196	JPN	m. cargo	Broken up	Japan
TAISEI MARU No. 18 1967	412	JPN	m. fishing	Broken up	Japan
TAKAMI MARU No. 3 1960	195	JPN	m. tanker	Broken up	Japan
TAMARIKI MARU No. 11 1965	487	JPN	m. tanker	Broken up	Japan
TARPON RIVER 1958	12960	GRC	s. tanker	Broken up	Spain
TATSUMI MARU No. 11 1966	199	JPN	m. sand carrier	Broken up	Japan
TATSUYOSHI MARU No. 12 ... 1965	179	JPN	m. sand carrier	Broken up	Japan
TEESFIELD 1959	12146	GBI	m. tanker	Broken up	United Kingdom
TEMPLAR 1967	45810	NOR	m. tanker	Broken up	Taiwan, Province of
TENJIN MARU No. 3 1958	198	JPN	m. fishing	Broken up	Japan
TENYU MARU No. 12 1971	349	JPN	m. fishing	Broken up	Japan
TEXACO PEMBROKE 1965	36485	NOR	s. tanker	Broken up	Taiwan, Province of
THILDA 1947	9568	PAN	m. bulk carrier	Broken up	Pakistan
TOA MARU No. 11 1959	115	JPN	m. tanker	Broken up	Japan
TRINITY CHALLENGER 1960	26579	LIB	s. tanker	Broken up	Taiwan, Province of
TRINITY MARINER 1957	24026	LIB	s. tanker	Broken up	Taiwan, Province of
TRYGVE LARSEN 1951	682	NOR	s. trawler	Broken up	Norway
TSUKIYOSHI MARU... .. 1967	407	JPN	m. sand carrier	Broken up	Japan
UNION GLORY 1961	13599	LIB	m. bulk carrier	Broken up	Taiwan, Province of
UNITED FOUNTAIN... .. 1949	5609	PAN	m. cargo	Broken up	Pakistan
UNITED PIONEER 1952	2793	PAN	m. cargo	Broken up	Pakistan
UNITED TRUST 1956	10493	PAN	s. cargo	Broken up	Taiwan, Province of
VALL COMET... .. 1958	6653	LIB	s. cargo	Broken up	Pakistan
VEKHA 1955	658	USR	s. fishing	Broken up	Spain
VELSK 1955	658	USR	s. fishing	Broken up	Spain
W. D. WATERWAY 1941	1424	GBI	m. dredger	Broken up	United Kingdom
WAN LEE 1950	6479	PAN	m. cargo	Broken up	Taiwan, Province of
WELNA 1959	676	POL	s. fishing	Broken up	Poland
WIDAWA 1959	674	POL	s. fishing	Broken up	Poland
WILLIAM M. ALLEN 1963	41152	LIB	s. tanker	Broken up	Taiwan, Province of
WORLD BANNER 1958	20546	LIB	s. tanker	Broken up	Taiwan, Province of
WORLD FAITH 1964	47344	LIB	s. tanker	Broken up	Taiwan, Province of
YAHATA MARU No. 1 1969	111	JPN	m. fishing	Broken up	Japan
YANG-TSE 1958	6508	FRA	m. cargo	Broken up	Hong Kong
YASHIMASAN MARU 1967	43995	JPN	m. ore carrier	Broken up	Taiwan, Province of

KIN
ME

Converted

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
KING DAVID 1938	359	NTH	m. radio ship	Converted for use as a mooring pontoon.	Netherlands
MEMI 1952	371	CYP	m. cargo	Converted for use as a non-propelled pontoon.	France

ADDITIONAL INFORMATION

DONG HAI HO, 1077 tons gross motor ferry, built 1948, KRS flag. Reported converted for use as an accommodation ship in Korea (South) in 1976.

EFEALP, 116 tons gross steam ferry, built 1905, TRK flag. Reported broken up in Turkey in 1971.

EOLO, 704 tons gross steam ferry, built 1936, ITL flag. Reported broken up in Italy in 1977.

PERMINA 107, 11959 tons gross steam tanker, built 1955, LIB flag. Reported broken up in the Province of Taiwan in 1977.

SANUKI MARU No. 1, 1828 tons gross motor ferry, built 1961, JPN flag. Reported broken up in Japan in 1977.

SHOTOKU MARU No. 78, 191 tons gross motor fishing vessel, built 1965, JPN flag. Reported broken up in Japan in 1977.

WILLIAM J. FILBERT, 7699 tons gross steam bulk carrier, built 1907, USA flag. Reported broken up in the United States of America in 1976.

IMPORTANT.—This advance copy is forwarded on condition that the information contained herein shall not be published or broadcast before Friday, 18th May, 1979.

LLOYD'S REGISTER OF SHIPPING

CASUALTY RETURN

**MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,
DURING THE QUARTER ENDED 30th SEPTEMBER, 1978
(as reported up to 31st March, 1979)**

For the purpose of this Return, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has been subsequently broken up.

Ships which have been declared constructive total losses but which are undergoing or have undergone repairs during the quarter do not appear in this Return.

NOTE: *It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 30th September, 1978".*

Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71 Fenchurch Street, London, EC3M 4BS.

71 FENCHURCH STREET, LONDON, EC3M 4BS.

April, 1979

TABLE 1—SHIPS TOTALLY LOST, BROKEN UP BY FLAG

Flag	MERCHANT FLEETS AS RECORDED IN STATISTICAL TABLES 1978		Foundered		Missing		Collision No.	Ton Gross
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross		
ARGENTINA	432	2,000,879	...	...	...	...	...	...
BAHAMAS	93	84,269	...	...	...	...	...	...
BELGIUM	268	1,684,692	...	...	...	...	...	...
BERMUDA	99	1,814,455	...	...	...	...	...	...
CANADA	1,289	2,954,499	...	...	...	...	...	...
CHILE	146	466,319	1	134	...	...	...	...
CHINA, PEOPLE'S REPUBLIC OF	713	5,168,898	...	...	...	...	...	...
TAIWAN, PROVINCE OF	444	1,619,595	1	169	...	...	...	...
CYPRUS	793	2,599,529	...	...	...	...	2	...
DENMARK	1,397	5,530,408	1	292	...	...	...	...
ECUADOR	59	201,244	...	...	...	...	1	1,401
FRANCE	1,317	12,197,354	...	...	...	...	1	299
GERMAN DEMOCRATIC REPUBLIC	452	1,539,994	...	...	...	...	...	...
GERMANY, FEDERAL REPUBLIC OF	1,999	9,736,667	...	...	...	...	...	...
GREECE	3,666	33,956,093	5	14,255	...	...	4	...
HONDURAS	70	130,831	1	105	...	...	2	23,760
ICELAND	383	175,097	...	...	...	...	...	...
INDIA	591	5,759,224	...	...	...	...	...	...
INDONESIA	1,093	1,272,387	2	4,834	...	...	...	...
ITALY	1,694	11,491,873	1	147	...	...	...	...
IVORY COAST	65	156,749	...	...	...	...	...	...
JAPAN	9,321	39,182,079	5	1,478	...	...	...	...
KOREA (SOUTH)	1,148	2,975,389	1	502	...	...	7	16,928
LEBANON	189	277,846	...	...	...	...	1	694
LIBERIA	2,523	80,191,329	...	...	...	...	...	...
MALAYSIA	182	552,456	...	...	...	...	...	...
MALDIVE ISLANDS	41	96,218	...	...	...	...	...	...
MAURITANIA	3	489	1	345	...	...	...	...
NETHERLANDS	1,238	5,180,392	1	563	...	...	1	...
NICARAGUA	30	34,588	...	...	...	...	...	...
NORWAY	2,646	26,128,428	2	435	...	...	...	...
OMAN	11	5,630	...	...	...	...	2	8,197
PANAMA	3,640	20,748,679	7	24,798	1	1,481	3	1,804
PAPUA NEW GUINEA	67	16,718	1	210	...	...	...	...
PHILIPPINES	577	1,264,995	1	497	...	...	1	...
POLAND	796	3,490,587	...	...	...	...	...	...
SAUDI ARABIA	154	1,246,112	...	...	...	...	...	...
SINGAPORE	954	7,489,205	...	...	...	...	...	...
SPAIN	2,753	8,056,080	...	...	...	...	...	...
THAILAND	117	335,116	...	...	...	...	...	...
U.S.S.R.	7,991	22,261,927	...	...	...	...	...	...
UNITED ARAB EMIRATES	104	156,479	...	...	...	...	...	...
UNITED KINGDOM	3,359	30,896,606	1	199	...	...	...	...
UNITED STATES OF AMERICA	4,746	16,187,636	3	510	...	...	1	...
URUGUAY	48	174,357	...	...	...	...	...	...
WORLD TOTAL	69,020	406,001,979	35	49,473	1	1,481	12	53,083

The percentage proportion of the world fleet totally lost during the September Quarter, 1978, was 0.13% of ships and 0.01% of tonnage.

THE THIRD QUARTER 1978

	Wrecked		Lost, etc.		Total Lost		Broken up, etc.		Flag
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
...	...	...	...	...	...	...	2	10,019	ARGENTINA
...	...	...	...	...	...	...	1	514	BAHAMAS
...	...	...	...	...	...	...	2	60,829	BELGIUM
...	...	...	...	...	...	...	1	24,021	BERMUDA
...	...	...	...	...	...	...	1	2,445	CANADA
1	35,047	...	...	...	2	35,181	1	13,410	CHILE
...	...	...	...	...	...	...	...	...	CHINA, PEOPLE'S REPUBLIC OF
...	...	...	...	...	1	169	1	7,642	TAIWAN, PROVINCE OF
4	14,989	...	...	...	7	18,518	3	15,083	CYPRUS
1	199	...	...	...	3	790	1	160	DENMARK
...	...	...	...	...	...	...	1	20,526	ECUADOR
...	...	...	...	...	...	...	4	69,987	FRANCE
...	...	...	...	...	...	...	2	22,428	GERMAN DEMOCRATIC REPUBLIC
1	422	...	...	...	1	422	2	32,127	GERMANY, FEDERAL REPUBLIC OF
3	20,761	...	...	...	14	131,473	20	368,229	GREECE
1	494	...	...	...	2	599	1	3,361	HONDURAS
...	...	...	...	...	...	...	1	165	ICELAND
...	...	...	...	...	...	...	1	7,026	INDIA
...	...	...	...	...	2	4,834	...	...	INDONESIA
1	1,201	...	...	...	2	1,348	7	10,928	ITALY
...	...	...	...	...	...	...	1	7,291	IVORY COAST
1	198	...	...	...	13	18,604	126	87,626	JAPAN
2	402	...	...	...	3	904	...	...	KOREA (SOUTH)
...	...	...	...	...	1	694	...	...	LEBANON
1	4,872	...	...	...	1	4,872	29	730,004	LIBERIA
...	...	...	...	...	...	...	1	3,161	MALAYSIA
...	...	...	...	...	...	...	1	9,010	MALDIVE ISLANDS
...	...	...	...	...	1	345	...	...	MAURITANIA
1	784	...	...	...	3	1,844	4	48,823	NETHERLANDS
...	...	...	...	...	...	...	1	1,267	NICARAGUA
1	135	...	...	...	5	8,767	5	260,596	NORWAY
1	299	...	...	...	1	299	...	...	OMAN
2	8,358	...	...	...	14	40,665	11	164,910	PANAMA
...	...	...	...	...	1	210	...	...	PAPUA NEW GUINEA
1	580	...	...	...	3	4,377	...	...	PHILIPPINES
...	...	...	...	...	...	...	5	4,659	POLAND
...	...	...	...	...	...	...	1	25,168	SAUDI ARABIA
...	...	...	...	...	...	...	3	26,763	SINGAPORE
...	...	...	...	...	...	...	1	473	SPAIN
...	...	...	...	...	...	...	1	3,550	THAILAND
...	...	...	...	...	...	...	1	7,653	U.S.S.R.
1	3,955	...	...	...	1	3,955	...	...	UNITED ARAB EMIRATES
1	145	...	...	...	2	344	7	62,126	UNITED KINGDOM
1	262	...	...	...	5	1,883	6	30,837	UNITED STATES OF AMERICA
...	...	...	...	...	...	...	1	3,812	URUGUAY
25	93,103	...	...	88	281,097	257	2,146,629		WORLD TOTAL

% of world fleet broken up, etc., not consequent upon casualty was 0.37% of ships and 0.53% of tonnage.

STEAMSHIPS AND MOTORSHIPS

(Listed in alphabetical order of ship name, excluding ships of less than 100 tons gross)

DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

EXPLANATIONS OF CONTRACTIONS

FLAG

ALB = Albania	ELS = El Salvador	JAM = Jamaica	RVC = Cape Verde Republic
ALG = Algeria	ETH = Ethiopia	JOR = Jordan	RUM = Romania
ARG = Argentina	FAR = Faroe Islands	JPN = Japan	SAF = South Africa
AST = Australia	FIJ = Fiji	KEN = Kenya	SAU = Saudi Arabia
AUS = Austria	FIN = Finland	KMP = Kampuchea	SEN = Senegal
BAH = Bahamas	FRA = France	KRS = Korea (South)	SIE = Sierra Leone
BBD = Barbados	GAB = Gabon	KUW = Kuwait	SNG = Singapore
BDI = Burundi	GAM = Gambia	LBY = Libya	SOL = British Solomon Islands
BER = Bermuda	GBI = United Kingdom	LEB = Lebanon	SOM = Somali Republic
BLG = Belgium	GDR = German Democratic Republic	LIB = Liberia	SPN = Spain
BLZ = Belize	GFR = Germany, Federal Republic of	MAL = Malaysia	SRI = Sri Lanka
BMA = Burma	GHA = Ghana	MAU = Mauritania	STV = St. Vincent
BNG = Bangladesh	GIB = Gibraltar	MDV = Maldives Islands	SUD = Sudan
BRN = Bahrain	GRC = Greece	MEX = Mexico	SWZ = Sweden
BRZ = Brazil	GRE = Grenada	MGY = Madagascar	SWZ = Switzerland
BUL = Bulgaria	GUA = Guatemala	MON = Monaco	SYR = Syria
BVI = British Virgin Islands	GUI = Guinea	MOR = Morocco	TAN = Tanzania
CAN = Canada	GUY = Guyana	MTA = Malta	THA = Thailand
CAY = Cayman Islands	HAI = Haiti	NHB = New Hebrides	TON = Tonga
CHL = Chile	HKG = Hong Kong	NIC = Nicaragua	TRI = Trinidad & Tobago
CHR = China, People's Rep. of	HON = Honduras	NIG = Nigeria	TRK = Turkey
CHT = Province of Taiwan	HUN = Hungary	NOR = Norway	TUN = Tunisia
CMN = Cameroon	ICL = Iceland	NTH = Netherlands	UAE = United Arab Emirates
COL = Colombia	IDA = Indonesia	NZL = New Zealand	URG = Uruguay
CON = Congo	IND = India	OMN = Oman	USA = United States of America
COS = Costa Rica	IRN = Iran	PAK = Pakistan	USR = U.S.S.R.
CUB = Cuba	IRP = Irish Republic	PAN = Panama	VEN = Venezuela
CYP = Cyprus	IRQ = Iraq	PAR = Paraguay	VNM = Vietnam
CZE = Czechoslovakia	ISR = Israel	PER = Peru	YAR = Yemen Arab Republic
DEN = Denmark	ITL = Italy	PHI = Philippines	YPR = Yemen, People's Dem. Rep. of
DOM = Dominican Republic	IVC = Ivory Coast	PNG = Papua New Guinea	YUG = Yugoslavia
ECU = Ecuador		POL = Poland	ZAI = Zaire
EGY = Egypt		PTG = Portugal	
		QAT = Qatar	

DESCRIPTION

c = Composite
f = Ferro-concrete
gt = Gas Turbine

irn = Iron
m. = Motorship
rp. = Reinforced plastic

s. = Steamship
(T) = Oil Tanker
w = Wood

Note—Unless otherwise stated, all steamships and motorships were of steel construction

Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
BIRGO 1967	296	NOR	m. cargo	Sauda—Duisburg	Ferro-alloys	Sprang leak and sank 1 mile N.W. of Norheimsoy, Ned-strandsfjord.	18th July
CALYPSO TRADER ... 1959	2880	PAN	m. cargo	Crotone—Basrah	Sodium tripolyphosphate in bags	Sprang leak and sank N.W. of Alexandria in lat. 33 30N., long. 27 40E.	21st July
CORAL 1960	3333	GRC	m. cargo	Pointe Noire—Corcubion	Manganese	Sprang leak and sank S.W. of Sao Thome Island in lat. 00 02S., long. 02 05E.	28th Aug.
EKA DJAYA 1966	154	IDA	w.m. cargo	Brenkalis—Singapore	Rubber	Sprang leak and sank off Singapore in lat. 01 12 10N., long. 103 34 20E., in heavy weather.	8th Sept.
GAGOMA 1957	210	PNG	m. landing craft	Lae—Bialla	Cement, bricks & timber	Capsized and sank after developing list in the Vitiaz Strait, S.E. of Madang, in lat. 06 32S., long. 147 54E., in heavy weather.	28th Sept.

Continued

Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
GRONATA ... 1973	147	ITL	m. fishing	... ..	...	5 miles off Tino Island, near Spezia, in heavy weather.	8th Aug.
HENRIETTA FRANCES ... 1923	105	HON	w.m. cargo	Key West— Colombia	Ballast	4 miles W. of Georgetown, Grand Cayman Island, in approximately lat. 19 17N., long. 81 28W.	19th Sept.
HIONA ... 1955	2194	GRC	m. cargo	Rotterdam— Alexandria	Oil in barrels	22 miles S. of Malaga, in lat. 36 28N., long. 04 10W.	9th Sept.
HORIZONTE IV ... 1964	134	CHL	m. trawler	... ..	...	Capsized and sank off Caleta Coloue, N. of Iquique, in approximately lat. 19 56 00S., long. 70 18 00W., in heavy weather.	28th July
IOANNIS R ... 1944	525	GRC	m. trawler	... ..	...	Off Cape Timiris, Mauritania, in lat. 19 30N., long. 16 30W.	31st Aug.
JAL SEA CONDOR ... 1958	8276	PAN	m. cargo	Bangkok—Lagos	Rice, general, tinned produce & containers	Sprang leak 25 miles N. of Cunene River, Angola, in lat. 16 55S., long. 11 25E., on 3rd July; taken in tow but subsequently sank off N.W. coast of Namibia, in lat. 19 10S., long. 12 08E.	6th July
JEFFERY ALLEN ... 1966	111	USA	m. fishing	... ..	...	S. of Kodiak Island, whilst at anchor.	24th Aug.
KAJUN MARU No. 5 ... 1969	198	JPN	m. cargo	... ..	...	In Sagami Bay, Kanagawa.	13th Sept.
KATSU MARU No. 1 ... 1967	191	JPN	m. cargo	Amagasaki— Kure	Steel	Off Suma Beach, Kobe, after cargo shifted during a typhoon; subsequently raised, taken to Osaka, sold and broken up.	2nd Aug.
KNUT HANSEN ... 1950	139	NOR	m. fishing	... ..	...	In Soroyundet, Finnmark, after developing leak.	29th Aug.
MILAN ... 1951	8082	PAN	m. cargo	Dakar—India	Phosphates	S. of Dakar in lat. 14 02N., long. 17 23W., after engine room and holds flooded.	12th Sept.
NEVERA ... 1957	1598	PAN	m. fish carrier	Province of Taiwan— Los Angeles	Frozen seafood	Sprang leak in engine room and sank 200 miles off Honolulu, off Niihau Island, Hawaii.	16th Aug.
NEW SAM SHIN ... 1961	502	KRS	m. cargo	Ube—Pohang	Magnesia clinker	Off Mutsure in lat. 34 05 12N., long. 130 43 54E.	30th Aug.
PHOENIX I ... 1951	4680	IDA	m. cargo	Ujang Pandang— Keelung	Teak logs & rattans	Off Bitung, N. Sulawesi, in lat. 02 16 00N., long. 125 24 05E., after developing list.	14th July
POPI M. ... 1952	7209	GRC	m. cargo	Rouen— Hodeidah	Sugar	N. of Bejaia in lat. 37 04N., long. 05 04E., whilst in tow after engine room flooded.	5th Aug.
R. L. HAYNIE JR. ... 1959	298	USA	m. fishing	... ..	...	Capsized and sank 3 miles S. of Ship Island, off the Mississippi coast, in heavy weather.	8th Aug.
SANTA POINT ... 1964	461	PAN	m. cargo	Singapore— Hong Kong	...	In the South China Sea in approximately lat. 02 56N., long. 104 31E.	28th Aug.
SHIANG FU No. 1 ... —	169	CHT	m. fishing	... ..	...	500 miles S.E. of Durban, in lat. 35 37S., long. 40 30E., after engine room flooded.	6th Aug.
SHINEI MARU ... 1969	195	JPN	m. fishing	... ..	...	In lat. 14 07S., long 91 02E.	19th July
STARTER ... 1957	1564	PAN	m. cargo	Hong Kong— Singapore	...	150 miles off Macau in lat. 20 12N., long. 113 12E.	30th Aug.
STELLA MARU No. 2 ... 1968	345	MAU	m. fishing	... ..	...	Sprang leak and sank between St. Brandon and Mauritius, in lat. 17 25S., long. 59 53E.	26th Sept.

Continued

SEPTEMBER 1978

Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
STONEFIELD LADY ... 1977	101	USA	m. fishing	... ..	...	In approximately lat. 32 12N., long. 78 09W.	1st July
SUZU MARU No. 7 ... 1967	199	JPN	m. cargo	... ..	...	Off Kozunosaki, Mie.	3rd July
TAIREI MARU... .. 1965	695	JPN	m. cargo	Toyama— Sakaide	Coke	35 miles off Amarube-saki, Kinoshiki-gun, Hyogo, after engine room flooded.	6th Sept.
TIEN PAO 1948	1937	PAN	m. cargo	Kaohsiung— Singapore	Books in boxes	Sprang leak and sank off southern Vietnam, in approximately lat. 10 32N., long. 110 27E., in heavy weather	14th Aug.
TONNA 1966	563	NTH	m. whaler	Tenerife— ...	Frozen whale meat	Capsized and sank 220 miles W. of Portugal, in lat. 40 45N., long. 13 12W., whilst winching a whale on board.	22nd July
TOPSY 1936	292	DEN	m. cargo	Stralsund—Oslo	Salt	Sprang leak in engine room and sank 12 miles S.E. of Grenaa harbour.	11th Sept.
TRITON 1966	994	GRC	m. cargo	Inverkeithing— Anzio	Scrap	Sprang leak and sank S. of Motril, in lat. 36 21 06N., long. 03 27 42W.	4th July
VIKING 1953	497	PHI	m. tug	... ..	...	Sailed from Singapore towing a barge and last reported at 0600 hours on 29th September taking water in engine room between Scarborough Shoal and Macclesfield Bank, South China Sea, during a typhoon and presumed to have foundered.	29th Sept.
VOL 1963	199	GBI	m. cargo	Stein— Colchester	Anthra- cite nuts	15 miles E.N.E. of Outer Gabbard, in lat. 52 05 12N., long. 02 27 12E., in heavy weather.	14th Sept.

Missing

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ARABA 1955	1481	PAN	m. cargo	Dubai—Karachi	Steel scrap	Sailed from Dubai on 27th August for Karachi and not since heard of.	...

Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AGIOS NICOLAOS ... 1950	1192	GRC	m. cargo	Barletta— Mocambique	Wheat	Caught fire in engine room and sank W. of Crete in approximately lat. 35 28N., long. 23 12E.	26th Aug.
IDAN 1960	30166	GRC	m. tanker	Houston—Aruba	Ballast	Caught fire in engine room in the Gulf of Mexico in lat. 27 46N., long. 92 19W; subsequently towed to Tampa and thence to Kaohsiung and sold for breaking up.	20th Aug.
JOINT FREEZER ... 1952	2167	PAN	m. cargo	At Marin	...	Caught fire in engine room at Marin; subsequently taken to Vigo, sold and broken up.	31st July
KENT 1957	547	CYP	m. cargo	Brindisi—Lagos	Phos- phates	Caught fire after explosion in engine room off W. Sicily; subsequently sank off San Vito lo Capo in lat. 38 09 20N., long. 12 43 46E., on 8th July.	7th July

Continued

SEPTEMBER 1978

Burnt—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
KOUNTOURIOTIS ... 1964	35658	GRC	m. tanker	Shuaiba—Sakai	Naptha	Caught fire in engine room off N.E. Sumatra in approximately lat. 04 52N., long. 98 03E., following engine trouble; subsequently towed to Singapore and thence to Kaohsiung and sold for breaking up.	11th Aug.
NARRA 1959	3300	PHI	m. cargo	Mindanao—Tokyo	Logs	Caught fire after boiler explosion off Owase in Kumano Nada; subsequently towed to Shodoshima, sold and broken up.	2nd Aug.
PALLAS ATHENE ... 1950	5681	GRC	m. cargo	Piræus—Kuwait	General	Extensively damaged by fire at Eleusis; subsequently towed from berth and beached near Kronos and Bakopoulou, Eleusis Bay.	21st Aug.
PARMA 1965	497	NTH	m. cargo	Kimolos—Honfleur	Bentonite	Sank after explosion in engine room N. of Djidjelli in lat. 37 50N., long. 05 50E.	25th Sept.
ROYAL ALASKAN ... 1941	1111	USA	m. fishing	... ..	...	Caught fire and beached at Tacoma; subsequently refloated and dismantled.	1st Aug.
SABLE CAPE 1972	494	PAN	m. tug/ icebreaker	... ..	...	Caught fire off Hawaii in lat. 20 19 12N., long. 150 05 30W; subsequently drifted and sank in lat. 19 03N., long. 150 53W., on 29th July.	24th July
VLYHO 1954	1581	CYP	m. cargo	Chalkis—Tunisia	Cement	Damaged by fire and explosion in engine room and sank off Falkonera and Parapola Islands in lat. 37 05N., long. 23 45E.	15th Sept.
YUWA MARU 1957	1563	PAN	m. cargo	Lae—Singapore	Copra	Caught fire at Eastern Anchorage, Singapore, and beached off Bedok; subsequently refloated, towed to Ponggol River and sold for breaking up.	30th Aug.

Collision

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ANDREAS BOYE ... 1977	299	DEN	m. cargo	Orehoved— Tripoli	General	Sank after collision with SYNAPTILIA 24 miles N.W. of Cape St. Vincent, in fog.	28th July
ANGEL 1975	7063	JPN	m. cargo	Antwerp—Gulf	General	Cut in two and sank after collision with DIGNITY 35 miles off Leixoes in lat. 41 31N., long. 09 31W., in dense fog.	20th Sept.
BANDEIRANTE ... 1960	7999	NOR	m. cargo	Paranagua— Bergen	Coffee & general	Sank after collision with MARODIO N. of Ushant 10½ miles off Le Stiff Lighthouse in approximately lat. 48 40N., long. 05 00W., in dense fog.	8th Sept.
CHRISTIANA R ... 1966	1401	CYP	m. cargo	Las Palmas— Rotterdam	Ballast	Sank after collision with MAGALI 11 miles S.S.W. of Cape Finisterre in approximately lat. 42 48N., long. 09 29W., in fog.	17th Sept.
EAST BIRD II 1951	3139	GRC	m. cargo	Kpeme—River Danube	Phosphates	Sank after collision with JESAMINE N.W. of Algiers in lat. 36 58N., long. 02 00E.	5th Aug.
GOELO 1922	198	NOR	w.m. fishing	... ..	...	Sank after collision with Os off Lervik, Stord.	31st Aug.
JOLLY AZZURRO ... 1971	1804	PAN	m. cargo	Spezia—Apapa/ Lagos	A crane, tractors & containers	Sank 4½ miles S.E. of Punta Carnero following collision with ATLANTICO in Strait of Gibraltar off Punta Malabata.	31st Aug.

Continued

Collision—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
KATSU MARU No. 25 1970	299	JPN	m. fishing	... ..	...	In collision with TEAM POLLUX (T) 22 miles off Slangkop in lat. 34 03 30S., long. 17 53 00E., in dense fog; taken in tow and beached in Hout Bay on 9th July; subsequently refloated but sank whilst in tow to be scuttled in lat. 34 03 54S., long. 18 20 54E., on 9th August.	8th July
RYOKA MARU No. 101 1974	996	JPN	m. liquefied gas carrier	... ..	...	Sank after collision with HINODE MARU No. 58 in lat. 37 00N., long. 141 00E.	2nd Sept.
SAAD 1955	694	LEB	m. cargo	Antwerp— Karachi	General	Sank after collision with WALTER 22 miles off Pointe de Barfleur in lat. 50 03N., long. 01 12W., in dense fog.	13th July
SAITOBARU 1972	6496	JPN	m. ferry	Kobe—Hyuga, Kyushu	Passengers, trucks & cars	Damaged after collision with CHANG WON at E. entrance to Kurushima Strait, off Imabari, taken in tow but capsized off E. coast of Oshima Island; subsequently broken up.	6th Sept.
TAIHEIZAN MARU ... 1971	1354	JPN	m. chemical tanker	Akita—Osaka	Sulphuric acid	Sank after collision with CORAMONT off Hachinohe in lat. 41 05 03N., long. 141 43 07E., in dense fog.	9th July
TENEI MARU No. 35 1972	371	JPN	m. sand carrier	... ..	...	Sank after collision with SEAWARD 5 miles off Kunisaki Peninsula, Oita.	9th July
THEOPAES 1960	20621	GRC	m. tanker	Amuay Bay— Norfolk	Oil	Damaged after collision with FROTANORTE 180 miles S.W. of San Juan, P.R., in lat. 16 48N., long. 69 00W; taken to Hampton Roads and thence to Baltimore; subsequently sold, taken to Dalmeir and broken up.	21st Aug.
YOSHI MARU No. 55 1973	349	JPN	m. trawler	... ..	...	Sank after collision with KOROBUKI MARU No. 25 in lat. 48 41N., long. 154 53E.	11th Aug.

Wrecked

(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ADMIRAL C. 1957	7451	GRC	m. cargo	Antwerp—Jeddah	General	On rocks 1 mile off Pylos in lat. 36 53 12N., long. 21 40 30E., after steering failure in heavy weather; subsequently broke back.	13th Sept.
ALAMAR 1957	12299	CYP	m. cargo	Ulsan—Bangkok	Fertilizer, timber & general	1 mile E. off Cheju Island in lat. 33 33N., long. 126 55E., during a typhoon, refloated, taken to Busan and thence to Sasebo; subsequently towed to Busan, sold and broken up.	31st July
AMBOLA AWWAL ... 1964	299	OMN	m. cargo	Muscat—Salalah	Construction material & general	40 miles N. of Masirah in lat. 21 18N., long. 59 22E., after engine room flooded 10 miles E. of Ras al Jibsh.	29th Aug.
BESSY G 1961	1595	CYP	m. cargo	Antwerp— Tripoli	Sugar	½ mile W. of Ras el Koran Light, 18 miles off Bizerta, in lat. 37 20N., long. 09 40E; subsequently caught fire in engine room on 19th July.	12th July

Continued

Wrecked—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
BREITENBURG ... 1959	422	GFR	m. cargo	Rotterdam— Gunness	Maize	Beached after developing heavy list 4 miles from Spurn Light in approximately lat. 53 31 45N., long. 00 03 12E.; subsequently sold for breaking up.	2nd Sept.
CABO TAMAR... ... 1964	35047	CHL	m. tanker	Balao—San Vicente	Crude oil	Stranded in San Vicente Bay near Talcahuano; subsequently refloated, towed 100 miles out to sea where shelled and sunk in approximately lat. 37 00S., long. 75 00W., on 10th August.	7th July
COSTATHINA 1958	8695	GRC	m. cargo	Maccio—Basrah	Bagged sugar	1½ miles N. of Cape Vert, near Dakar, in lat. 14 44 06N., long. 17 31 12W; subsequently refloated, towed to Dakar and thence to Cartagena, Spain, and sold for breaking up.	15th July
DAI HO No. 8 1964	230	KRS	m. fishing	... ..	...	On Saint Francois Islet, 210 miles S.W. of Mahe, Seychelles, after cable fouled propeller.	3rd July
FAST BREEZE... ... 1952	4615	GRC	m. cargo	Piræus—Gizan	Cement	Off Farasan Islands in lat. 17 11N., long. 41 46E.; subsequently refloated, proceeded to Gizan and thence to Karachi and sold for breaking up.	13th July
FRIGO GIULIA 1966	1201	ITL	m. cargo	Bourgas— Nigeria	Frozen fish in cartons	On rocks off Alegranza Island, N. of Lanzarote, in lat. 29 25N., long. 13 30W; subsequently broke in two and sank.	10th Sept.
GOOD FORTUNE 1 ... 1952	8076	PAN	m. cargo	Singapore— Damman	Cement	Off Payyanur in lat. 12 01 36N., long. 75 11 30E., during a monsoon.	6th Aug.
JIM B 1943	262	USA	w.m. fishing	... ..	...	Off False Pass, Alaska, in lat. 55 05N., long. 163 26W.	9th July
LYCHEE QUEEN ... 1974	4872	LIB	m. cargo	Sandakan—Japan	Logs	Stranded and sank off Arena Island, Sulu Sea, in lat. 09 13 30N., long. 120 45 00E.	13th July
MUZERAH 1959	3955	UAE	m. cargo	Abu Dhabi— Karachi	Ballast	At Manora Beach after dragging anchors during monsoon; to be broken up.	17th Aug.
No. 1 RYONG MA ... 1950	172	KRS	w.m. cargo	Busan— Minamata City	Ballast	N. of Kobidase Lighthouse, Kuronoseto, Kagoshima.	8th Aug.
OCEAN PULLER ... 1943	145	GBI	m. tug	... ..	...	Stranded and sank 15 miles E. of Cape Ivi, E. of Oran.	29th Aug.
SANTOKU MARU No. 1 ... 1968	198	JPN	m. sand carrier	... ..	...	Stranded and sank off Tobishima, Naruto, Tokushima.	20th Sept.
SKANSEN 1937	199	DEN	m. cargo	... ..	Stones	Struck foundation of Hojbjerg Fyr light beacon and sank at Sonderskov in lat. 54 50N., long. 10 50E., whilst discharging.	29th Sept.
SMIT-LLOYD 10 ... 1966	784	NTH	m. tug/supply	... ..	...	Struck oil rig and sank 20 miles off Ras Shukheir in lat. 28 12 16N., long. 33 26 20E.	30th Sept.
SUNLIGHT No. 21 ... 1963	282	PAN	m. fishing	... ..	...	At Saint Francois Islet, 210 miles S.W. of Mahe.	1st July
SWEET RIDE 1944	580	PHI	m. ferry	... ..	...	Off Canigao Island.	12th Aug.
TATLEE —	494	HON	m. cargo	Bombay— Karachi	...	Stranded off Karachi in lat. 23 43N., long. 67 53E., in heavy weather; subsequently sank on 6th July.	4th July

continued

Wrecked—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
THEONIKA 1954	870	CYP	m. cargo	Piræus—Leghorn	Wood-pulp	Struck breakwater in Leghorn Roads after dragging anchor in heavy weather; subsequently broke in two on 9th August; aft part sank.	7th Aug.
TRUST I 1907	225	CYP	m. cargo	Ronne— Sakskobing	Stone-meal	Off Fejo Island, N.E. of Naks-kov; subsequently refloated and taken to Sakskobing and thence to Kiel, sold and broken up.	23rd Aug.
VAAGEN 1877	135	NOR	w.m. cargo	Kiberg— Stamsund	Stockfish	At Russeelva, Nordenlangen.	29th Sept.

ADDITIONAL INFORMATION

- ATRYTONE, 10739 tons gross steam cargo ship, built 1957, LIB flag. Reported damaged by fire off Gibraltar in lat. 36 03N., long. 05 02W., on 11th August, 1977; subsequently towed to Burriana and broken up.
- BALTICA, 1253 tons gross motor cargo ship, built 1950, CYP flag. Reported sprang leak in engine room after striking unidentified object S.E. of Nice in lat. 43 15N., long. 08 05E., on 17th January, 1977; taken in tow and beached at Porquerolles Island; subsequently refloated, towed to Marseilles and thence to Toulon and broken up.
- BORLIAN No. 1, 265 tons gross motor cargo ship, built 1972, MAL flag. Reported foundered 10 miles N. of Pulo Burong, Sarawak, on 6th August, 1977. after developing a list in heavy weather.
- CARACARA, 138 tons gross wooden motor fishing vessel, built 1941, USA flag. Reported foundered in the Gulf of Maine in lat. 43 30N., long. 69 20W., on 2nd January, 1976, in heavy weather.
- DAYAKA TIGA, 3223 tons gross motor cargo ship, built 1969, IDA flag. Reported stranded at Lingayen Bay in approximately lat. 16 02 36N., long. 120 14 18E., during a typhoon on 13th November, 1977; subsequently refloated, towed to Manila and converted for use as a non-propelled barge.
- FUYO MARU, 195 tons gross motor cargo ship, built 1976, JPN flag. Reported sank after explosion in Kagoshima Bay on 17th December, 1977; subsequently raised, taken to Kagoshima and broken up.
- GOOD VENTURE, 12149 tons gross motor bulk carrier, built 1959, GRC flag. Reported damaged by fire at Perama on 14th July, 1977; subsequently sold, towed to Saltes Island, Huelva, and broken up.
- GRONOY, 152 tons gross motor fishing vessel, built 1950, NOR flag. Reported burnt and sank off Rangsundoy on 31st March, 1976.
- GUSTAV, 265 tons gross motor dredger, built 1955, DEN flag. Reported foundered at Godthaab prior to 24th December, 1976; subsequently reported raised and scuttled.
- HONGKONG SURETY, 8341 tons gross motor cargo ship, built 1955, CHT flag. Reported wrecked on Angelica Reef in lat. 07 46S., long. 122 17E.. on 19th February, 1977.
- LION CITY No. VI, 784 tons gross motor tanker, built 1959, SNG flag. Reported damaged by fire at Abu Dhabi on 24th June, 1975; subsequently beached to be broken up.
- MESONGO, 1526 tons gross motor cargo ship, built 1952, SNG flag. Reported burnt at Singapore on 9th September, 1977; subsequently capsized and sank in lat. 01 16 27N., long. 103 52 18E.
- PANAY, 2759 tons gross motor cargo ship, built 1949, PHI flag. Reported stranded off Salauan Point, N. Mindanao, on 23rd March, 1977; subsequently refloated, taken to Cavite, sold and broken up.
- PAO SAN, 3343 tons gross motor cargo ship, built 1959, CHT flag. Reported damaged by fire off W. coast of Province of Taiwan on 31st May, 1976; subsequently towed to Kaohsiung, sold and broken up.
- REBECCA THERIOT, 196 tons gross motor tug, built 1966, USA flag. Reported sank after collision with STINGER in the Gulf of Mexico on 4th December, 1977, in heavy weather.
- SAN MARTIN DE PORRES, 960 tons gross motor cargo ship, built 1973, PHI flag. Reported sank after collision with FOURSEAS VENTURE off Panay Island on 26th October, 1975; subsequently raised, towed to Manila and converted for use as a barge.
- SANTA MARINA, 167 tons gross wooden motor fishing vessel, built 1946, MEX flag. Reported foundered at Cabo San Lucas on 17th January, 1976; subsequently raised and dismantled.
- SORTE ENGEL, 121 tons gross motor tug, built 1939, DEN flag. Reported stranded at Marmorilik on 10th December, 1975; subsequently refloated and scuttled in Marmorilik Fjord.
- STELIOS MATSAS, 3055 tons gross motor cargo ship built 1952, CYP flag. Reported stranded in Forcados River, Nigeria, on 23rd February, 1975; refloated, towed to Tema and subsequently scuttled off Tema on 29th October, 1978 as GAYTA, GHA flag.
- SUMEI MARU No. 16, 199 tons gross motor sand carrier, built 1968, JPN flag. Reported foundered off S. coast of Sideku Island Uken, Oshima-gun, Kagoshima, on 9th October, 1977.
- 242B, 141 tons gross steam tug, built 1906, ARG flag. Reported foundered off La Plata in lat. 34 38 42S., long. 58 07 36W., on 5th October, 1975.

TABLE 2—STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.
NOT CONSEQUENT UPON CASUALTY DURING THE QUARTER

Flag	No.	Tons Gross	Place of Disposal	No.	Tons Gross
Argentina	2	10,019	Argentina	2	10,019
Bahamas	1	514	Canada	1	2,445
Belgium	2	60,829	China People's Republic of	5	48,281
Bermuda	1	24,021	Taiwan, Province of	49	1,284,601
Canada	1	2,445	Colombia	1	1,267
Chile	1	13,410	Denmark	1	160
China, People's Republic of	—	—	Germany, Federal Republic of	1	1,000
Taiwan, Province of	1	7,642	Greece	1	935
Cyprus	3	15,083	Hong Kong	8	58,131
Denmark	1	160	Iceland	1	165
Ecuador	1	20,526	India	1	7,026
France	4	69,987	Italy	9	35,321
German Democratic Republic	2	22,428	Japan	126	54,286
Germany, Federal Republic of	2	32,127	Korea (South)	6	216,443
Greece	20	368,229	Pakistan	5	39,933
Honduras	1	3,361	Poland	4	2,688
Iceland	1	165	Singapore	1	1,105
India	1	7,026	Spain	18	300,432
Italy	7	10,928	Thailand	1	3,550
Ivory Coast	1	7,291	United Kingdom	7	15,933
Japan	126	87,626	United States of America	6	45,815
Liberia	29	730,004	Uruguay	1	3,812
Malaysia	1	3,161	Yugoslavia	2	13,281
Maldiv Islands	1	9,010			
Netherlands	4	48,823			
Nicaragua	1	1,267			
Norway	5	260,596			
Panama	11	164,910			
Poland	5	4,659			
Saudi Arabia	1	25,168			
Singapore	3	26,763			
Spain	1	473			
Thailand	1	3,550			
U.S.S.R.	1	7,653			
United Kingdom	7	62,126			
United States of America	6	30,837			
Uruguay	1	3,812			
World Total	257	2,146,629	World Total	257	2,146,629

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
A.G.W. VII 1917	1000	GFR	s. tanker	Broken up	Germany, Federal Republic of
AEGIS UNITY 1958	12256	GRC	m. bulk carrier	Broken up	Taiwan, Province of
AETOLIA 1961	13123	GRC	s. bulk carrier	Broken up	Korea (South)
AGOU 1959	7291	IVC	m. cargo	Broken up	Spain
AIGLE D'OR 1961	24871	LIB	s. tanker	Broken up	Taiwan, Province of
AKATSUKI MARU No. 5 1959	199	JPN	m. cargo	Broken up	Japan
ALMAR II 1950	3812	URG	m. cargo	Broken up	Uruguay
ALSHARKIAH 1956	25168	SAU	s. tanker	Broken up	Taiwan, Province of
ANNA MARTINI 1947	1594	ITL	m. cargo	Broken up	Italy
ANTEO 1938	129	ITL	s. tug	Broken up	Italy
ARCA 1959	12222	NTH	s. tanker	Broken up	Hong Kong
ARMAR 1954	9559	CYP	m. cargo	Broken up	Taiwan, Province of
ASA V. CALL 1962	39181	LIB	s. tanker	Broken up	Taiwan, Province of
ASTRO 1956	16250	GRC	s. tanker	Broken up	Taiwan, Province of

Continued

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
ATLANTIC CHALLENGER... .. 1962	29698	LIB	s. tanker	Broken up	United States of America
ATYS 1960	12239	NTH	s. tanker	Broken up	China, People's Republic of
AUCKLAND STAR 1958	11482	GBI	s. cargo	Broken up	Pakistan
BENALBANACH 1957	8753	GBI	s. cargo	Broken up	Korea (South)
BISHO MARU... .. 1968	146	JPN	m. cargo	Broken up	Japan
BORWI 1965	44472	NOR	m. tanker	Broken up	Taiwan, Province of
BRAMORA 1964	34694	NOR	m. tanker	Broken up	Taiwan, Province of
BUNSHO MARU No. 1 1961	198	JPN	m. tanker	Broken up	Japan
BURMAH BERYL 1959	37753	LIB	s. tanker	Broken up	Spain
CAMPIT... .. 1963	31441	LIB	m. bulk carrier	Broken up	Taiwan, Province of
CAPE GREIG 1943	6664	USA	s. cargo	Broken up	United States of America
CAPE SAN DIEGO 1944	6690	USA	s. cargo	Broken up	United States of America
CASPIAN SEA... .. 1956	24021	BER	s. tanker	Broken up	Taiwan, Province of
CHARLES E. WILSON 1963	28213	LIB	s. bulk carrier	Broken up	Korea (South)
CHARLES L. D. 1962	21560	FRA	m. ore carrier	Broken up	Taiwan, Province of
CHERRY KING 1963	20802	SNG	s. tanker	Broken up	Taiwan, Province of
CHIEF COLOCOTRONIS 1964	52868	GRC	m. tanker	Broken up	Taiwan, Province of
CHIKUGO 1952	243	JPN	m. patrol	Broken up	Japan
CHIOS FLAG 1945	13848	PAN	s. bulk carrier	Broken up	Spain
CHOSEI MARU No. 8 1960	441	JPN	m. fishing	Scuttled	Off Japan
CHOUN MARU 1957	498	JPN	m. cargo	Broken up	Japan
CHRISTINE 1962	31050	GRC	m. tanker	Broken up	Taiwan, Province of
CONCORD APOLLO 1957	15947	PAN	s. bulk carrier	Broken up	Taiwan, Province of
COSMIC 1957	30332	LIB	s. ore/oil carrier	Broken up	Taiwan, Province of
COSTA AMERICANA 1949	473	SPN	m. cargo	Broken up	Spain
CUBITS GAP 1943	1132	USA	m. tug	Broken up	United States of America
DAIKICHI MARU No. 31 1968	349	JPN	m. fishing	Broken up	Japan
DAIKICHI MARU No. 53 1968	348	JPN	m. fishing	Broken up	Japan
DAISEN MARU 1964	328	JPN	m. tanker	Broken up	Japan
DAISHIN MARU No. 2 1962	151	JPN	m. sand carrier	Broken up	Japan
DAITOKU MARU 1969	349	JPN	m. fishing	Broken up	Japan
DAIWA MARU 1967	494	JPN	m. tanker	Broken up	Japan
DAIYU MARU... .. 1962	281	JPN	m. cargo	Broken up	Japan
DIANNA... .. 1949	18802	PAN	s. bulk carrier	Broken up	Taiwan, Province of
DIMOS HALCOUSSIS 1960	10347	GRC	m. bulk carrier	Broken up	Korea (South)
DOLPHIN 1956	11669	LIB	m. tanker	Broken up	Japan
DONA YOULA 1953	12200	LIB	m. tanker	Broken up	Taiwan, Province of

Continued

SEPTEMBER 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
DYVI NOVA 1968	104611	NOR	s. tanker	Broken up	Korea (South)
EBURI MARU 1964	328	JPN	m. tanker	Broken up	Japan
EIKO MARU 1962	405	JPN	m. tanker	Broken up	Japan
EISHO MARU No. 18 1965	164	JPN	m. tanker	Broken up	Japan
EITO MARU 1962	198	JPN	m. sand carrier	Broken up	Japan
EITOKU MARU No. 3 1962	197	JPN	m. sand carrier	Broken up	Japan
EIZAN MARU No. 8 1965	833	JPN	m. tanker	Broken up	Japan
EL INCA 1953	2007	GRC	m. cargo	Broken up	United Kingdom
ELQUI 1960	13410	CHL	s. bulk carrier	Broken up	China, People's Republic of
ENIWA MARU 1969	989	JPN	m. sand carrier	Broken up	Japan
ESSO BOCA GRANDE 1960	20565	LIB	m. tanker	Broken up	Taiwan, Province of
ESSO CAMPANA 1928	2394	ARG	s. tanker	Broken up	Argentina
ESSO GHENT 1959	26416	BLG	s. tanker	Broken up	Taiwan, Province of
ESSO KOLN 1961	31127	GFR	s. tanker	Broken up	Taiwan, Province of
ESSO PANAMA 1958	29141	PAN	s. tanker	Broken up	Taiwan, Province of
ESSO URUGUAY 1958	21939	LIB	s. tanker	Broken up	Taiwan, Province of
EVANGELOS 1954	10261	GRC	m. tanker	Broken up	Italy
FINA SCANDINAVIE 1964	35000	FRA	m. tanker	Broken up	Taiwan, Province of
FREDDIE 1 1954	7794	PAN	m. cargo	Broken up	Pakistan
FRIEDEN 1957	9427	GDR	m. cargo	Broken up	China, People's Republic of
FUJI MARU 1948	1132	JPN	m. passenger & cargo	Broken up	Japan
FUJISAN MARU No. 17 1965	350	JPN	m. chemical tanker	Broken up	Japan
FUKI MARU 1961	382	JPN	m. cargo	Broken up	Japan
FUKUCHO MARU No. 11 1969	349	JPN	m. fishing	Scuttled	Off Japan
FUKUI MARU No. 1 1960	111	JPN	m. fishing	Broken up	Japan
FUKUJU MARU 1966	199	JPN	m. tanker	Broken up	Japan
FUKUTOKU MARU No. 3 1970	109	JPN	m. cargo	Broken up	Japan
FUKUYOSHI MARU No. 8 1970	259	JPN	m. sand carrier	Broken up	Japan
FUKUYOSHI MARU No. 28 1968	349	JPN	m. fishing	Scuttled	Off Japan
FUNADAMA MARU 1959	132	JPN	m. tanker	Broken up	Japan
FUYO MARU 1966	167	JPN	m. fishing	Broken up	Japan
GARDEN SATURN 1960	9234	LIB	m. ore carrier	Broken up	Spain
GENPUKU MARU No. 76 1974	403	JPN	m. fishing	Broken up	Japan
GENYO MARU No. 5 1961	998	JPN	m. tanker	Broken up	Japan
GOLDEN ARROW 1959	23084	LIB	m. tanker	Broken up	Taiwan, Province of
GOLDEN EAGLE 1956	21049	GRC	s. tanker	Broken up	Taiwan, Province of
GRAND UNITY 1945	7901	PAN	s. cargo	Broken up	Taiwan, Province of

Continued

SEPTEMBER 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
GRAZIELLINA 1944	485	ITL	m. wine tanker	Broken up	Italy
GREAT FORT 1953	7598	PAN	m. cargo	Broken up	Taiwan, Province of
HAKKO MARU No. 2 1964	494	JPN	m. cargo	Broken up	Japan
HALIFAX 1962	32878	GRC	s. tanker	Broken up	Taiwan, Province of
HANEI MARU No. 8... .. 1964	178	JPN	m. tanker	Broken up	Japan
HEIAN MARU No. 8... .. 1971	349	JPN	m. cargo	Scuttled	Off Japan
HOEI MARU No. 13... .. 1961	196	JPN	m. tanker	Broken up	Japan
HORNERO 1944	7625	ARG	s. cargo	Broken up	Argentina
HOSEI MARU No. 5... .. 1963	494	JPN	m. tanker	Broken up	Japan
HOYO MARU 1966	167	JPN	m. trawler	Broken up	Japan
HOYO MARU No. 8... .. 1969	124	JPN	m. fishing	Broken up	Japan
J. FRANK DRAKE 1964	29718	LIB	s. tanker	Broken up	Taiwan, Province of
JISHO MARU 1965	199	JPN	m. chemical tanker	Broken up	Japan
JOREK TRADER 1966	51396	NOR	s. tanker	Broken up	Korea (South)
JUKYU MARU 1957	146	JPN	m. trawler	Broken up	Japan
JUNEI MARU No. 1 1964	130	JPN	m. tug	Broken up	Japan
KAJIN MARU No. 5 1962	497	JPN	m. cargo	Broken up	Japan
KAIJO MARU No. 1... .. 1964	193	JPN	m. cargo	Broken up	Japan
KAIJU MARU No. 3 1966	695	JPN	m. cargo	Broken up	Japan
KAIKO MARU No. 1... .. 1968	419	JPN	m. cargo	Broken up	Japan
KAKURYO MARU 1961	1748	JPN	m. tanker	Broken up	Japan
KANKO MARU No. 5 1961	298	JPN	m. cargo	Broken up	Japan
KANSAI MARU No. 2 1967	133	JPN	m. sand carrier	Broken up	Japan
KARINGO 1946	3161	MAL	m. cargo	Broken up	Hong Kong
KASHIMA MARU No. 15 1969	349	JPN	m. fishing	Broken up	Japan
KASUGA MARU No. 11 1960	299	JPN	m. cargo	Broken up	Japan
KAZU MARU 1957	198	JPN	m. cargo	Broken up	Japan
KEISHO MARU No. 1 1958	170	JPN	m. tanker	Broken up	Japan
KENINGAU 1948	4856	SNG	m. passenger & cargo	Broken up	Hong Kong
KERMIA 1955	12139	NTH	s. tanker	Broken up	Spain
KIEN HONG 1954	7689	PAN	m. cargo	Broken up	Hong Kong
KINKAI MARU No. 5 1968	134	JPN	m. tanker	Broken up	Japan
KINRYU MARU 1960	270	JPN	m. cargo	Broken up	Japan
KINSMAN VOYAGER 1907	6220	USA	s. bulk carrier	Broken up	Spain
KITAKAMI 1952	240	JPN	m. patrol	Broken up	Japan
KOEI MARU No. 15 1968	349	JPN	m. fishing	Scuttled	Off Japan
KOHAN MARU No. 3 1962	193	JPN	m. cargo	Broken up	Japan
KONPIRA MARU No. 2 1966	197	JPN	m. sand carrier	Broken up	Japan

Continued

SEPTEMBER 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
KOSEI MARU No. 7 1962	138	JPN	m. cargo	Broken up	Japan
KOSHO MARU No. 24 1956	352	JPN	m. cargo	Broken up	Japan
KOTOKU MARU No. 15 1965	367	JPN	m. tanker	Broken up	Japan
KOTOKU MARU No. 20 1967	498	JPN	m. cargo	Broken up	Japan
KRASNOVODSK 1956	7653	USR	m. tanker	Broken up	Spain
KYOEI MARU 1966	736	JPN	m. tanker	Broken up	Japan
KYOEI MARU No. 2 1967	197	JPN	m. sand carrier	Broken up	Japan
KYOKAI MARU No. 8 1965	198	JPN	m. tanker	Broken up	Japan
KYOKUYO MARU No. 18 1960	361	JPN	m. cargo	Broken up	Japan
KYOSHIN MARU 1962	168	JPN	m. tanker	Broken up	Japan
LINO MANCINO 1913	1264	ITL	m. cargo	Broken up	Italy
LYLIAN 1939	3361	HON	m. cargo	Broken up	Hong Kong
MALDIVE EXPLORER 1949	9010	MDV	m. cargo	Broken up	Pakistan
MARIA 1953	935	CYP	m. cargo	Broken up	Greece
MARUYAMA MARU No. 5 1965	134	JPN	m. sand carrier	Broken up	Japan
MARY LIVANOS 1960	13592	GRC	s. tanker	Broken up	Taiwan, Province of
MATSUKAZE MARU No. 2 1961	188	JPN	m. tanker	Broken up	Japan
MAURICIEN 1960	6872	FRA	m. cargo	Broken up	Taiwan, Province of
MEISEI MARU 1968	499	JPN	m. cargo	Broken up	Japan
MERCURY 1959	21479	GRC	s. tanker	Broken up	Spain
MERSEBURG 1956	13001	GDR	m. tanker	Broken up	Spain
MESSINIA 1960	13122	GRC	s. bulk carrier	Broken up	Taiwan, Province of
MESSINIAKI ANDREIA 1965	50798	LIB	s. tanker	Broken up	Taiwan, Province of
MICHAEL L. 1953	11289	LIB	s. tanker	Broken up	Spain
MING WISDOM 1945	7642	CHT	s. cargo	Broken up	Taiwan, Province of
MISHIMA MARU 1963	213	JPN	m. cargo	Broken up	Japan
MISSISSIPI 1960	6555	FRA	m. cargo	Broken up	Taiwan, Province of
MITSU MARU No. 30 1972	349	JPN	m. fishing	Broken up	Japan
MOBIL EXPORTER 1959	38012	PAN	s. ore/oil carrier	Broken up	Taiwan, Province of
MOBIL TRANSPORTER 1957	37781	GBI	s. ore/oil carrier	Broken up	Taiwan, Province of
MOHAMMEDI 1947	7026	IND	s. passenger & cargo	Broken up	India
MOORGATE KING 1966	38453	LIB	m. tanker	Broken up	Taiwan, Province of
MOUNT ATHOS 1945	14132	LIB	s. bulk carrier	Broken up	Italy
MRS. SIPPI 1939	160	DEN	m. ferry	Broken up	Denmark
NAKATANE MARU 1961	298	JPN	m. cargo	Broken up	Japan
NANKAI MARU No. 25 1958	467	JPN	m. cargo	Broken up	Japan
NAPO 1959	20526	ECU	s. tanker	Broken up	Taiwan, Province of
NASOS 1951	4684	GRC	m. cargo	Broken up	Yugoslavia

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
NICHIOI MARU No. 3 1962	392	JPN	m. cargo	Broken up	Japan
NICHIRAKU MARU 1961	208	JPN	m. chemical tanker	Broken up	Japan
NIDZICA 1960	686	POL	s. fishing	Broken up	Poland
NISSHIN MARU No. 5 1959	100	JPN	m. tanker	Broken up	Japan
NISSHIN MARU No. 13 1964	499	JPN	m. cargo	Broken up	Japan
NORIYOSHI MARU 1962	199	JPN	m. sand carrier	Broken up	Japan
NOSTOS ATHENE 1949	8805	GRC	m. cargo	Broken up	Spain
OGI MARU 1962	487	JPN	m. cargo	Broken up	Japan
OKEN MARU No. 1... .. 1968	191	JPN	m. sand carrier	Broken up	Japan
OLIVIA 1949	18801	LIB	s. bulk carrier	Broken up	Taiwan, Province of
OLYMPIC RUNNER 1959	32007	LIB	s. tanker	Broken up	Spain
ONODA MARU No. 1 1961	192	JPN	m. cargo	Broken up	Japan
OSWEGO GLORY 1967	48778	LIB	s. tanker	Broken up	Taiwan, Province of
OSWEGO INDEPENDENCE ... 1965	28228	LIB	s. ore carrier	Broken up	Taiwan, Province of
OYAMA MARU No. 1 1969	190	JPN	m. cargo	Broken up	Japan
PALAU 1951	6145	ITL	m. tanker	Broken up	Italy
PANAGHIA TINOU 1952	4589	CYP	s. cargo	Broken up	Pakistan
PANNESI 1918	1112	ITL	s. tanker	Broken up	Italy
PENNSYLVANIA 1958	28719	LIB	s. tanker	Broken up	Taiwan, Province of
PENTELEI 1959	23607	GRC	s. tanker	Broken up	Taiwan, Province of
PENUELAS 1944	12573	PAN	s. tanker	Broken up	Spain
PHILIP S. NIARCHOS 1963	50662	LIB	s. tanker	Broken up	Taiwan, Province of
PHUTRUKSA 1954	5605	PAN	m. cargo	Broken up	Hong Kong
POTOMAC 1962	30131	LIB	m. tanker	Broken up	Taiwan, Province of
RANGER 1961	25423	NOR	m. tanker	Broken up	Taiwan, Province of
RAPHAEL SEMMES... .. 1942	9014	USA	s. container	Broken up	Hong Kong
REINE FABIOLA 1965	34413	BLG	m. tanker	Broken up	Spain
RENA K... .. 1957	8597	GRC	m. cargo	Broken up	Yugoslavia
RITA MAERSK 1955	6383	LIB	m. cargo	Broken up	China, People's Republic of
ROSS TRAFALGAR 1957	787	GBI	m. fishing	Broken up	United Kingdom
RUDAWA 1954	649	POL	s. fishing	Broken up	Poland
RYOAN MARU No. 21 1969	349	JPN	m. fishing	Scuttled	Off Japan
RYUHO MARU No. 15 1969	349	JPN	m. fishing	Scuttled	Off Japan
RYUO MARU No. 1 1966	118	JPN	m. cargo	Broken up	Japan
RYUSHO MARU No. 5 1965	309	JPN	m. tanker	Broken up	Japan
SAIWAI MARU No. 5 1958	357	JPN	m. cargo	Broken up	Japan
SAKURA MARU 1966	681	JPN	m. tanker	Broken up	Japan
SALLY MAERSK 1954	6822	LIB	m. cargo	Broken up	China, People's Republic of
SANAI MARU 1966	497	JPN	m. tanker	Broken up	Japan

Continued

SEPTEMBER 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
SANEI MARU No. 11 1967	199	JPN	m. sand carrier	Broken up	Japan
SANKATY HEAD 1943	1117	USA	m. tug	Broken up	United States of America
SANYO MARU No. 8 1968	193	JPN	m. sand carrier	Broken up	Japan
SEIKO MARU 1959	665	JPN	m. cargo	Broken up	Japan
SEISHO MARU No. 8 —	149	JPN	m. cargo	Broken up	Japan
SEIYU MARU 1960	521	JPN	m. cargo	Broken up	Japan
SHINOTARU MARU 1968	446	JPN	m. ferry	Broken up	Japan
SHINTOKU MARU No. 8 1959	184	JPN	m. tanker	Broken up	Japan
SHINUN MARU No. 3 1956	253	JPN	m. cargo	Broken up	Japan
SHINYO MARU No. 11 1961	397	JPN	m. cargo	Broken up	Japan
SHOCHIKU MARU No. 15 1964	106	JPN	m. sand carrier	Broken up	Japan
SHOHO MARU No. 8 1964	154	JPN	m. chemical tanker	Broken up	Japan
SHOMEI MARU No. 2 1961	174	JPN	m. tanker	Broken up	Japan
SHORYU MARU 1964	120	JPN	m. tanker	Broken up	Japan
SHOSEI MARU No. 8 1960	198	JPN	m. cargo	Broken up	Japan
SHOSEI MARU No. 15 1971	124	JPN	m. fishing	Broken up	Japan
SHOSHIN MARU 1960	494	JPN	m. tanker	Broken up	Japan
SHOWA MARU No. 106 1960	195	JPN	m. tanker	Broken up	Japan
SIMFONIA 1961	24549	GRC	s. tanker	Broken up	Spain
SNAEFELL 1948	2489	GBI	s. ferry	Broken up	United Kingdom
SNAEFELL 1943	165	ICL	m. fishing	Scuttled	Off Iceland
SOMSUK I 1950	3550	THA	s. cargo	Broken up	Thailand
SOUL I 1955	16244	GRC	m. tanker	Broken up	Spain
SOYA 1938	2734	JPN	m. patrol	Broken up	Japan
SPARKLER 1963	31461	GRC	s. tanker	Broken up	Spain
SUEI MARU No. 11 1967	253	JPN	m. fishing	Scuttled	Off Japan
SUMIYOSHI MARU No. 6 1968	184	JPN	m. cargo	Broken up	Japan
TAIHEI MARU 1958	384	JPN	m. dredger	Broken up	Japan
TAIRA MARU 1961	188	JPN	m. tanker	Broken up	Japan
TAISEI MARU No. 1 1971	349	JPN	m. fishing	Broken up	Japan
TAKAOSAN MARU 1966	45009	JPN	m. tanker	Broken up	Taiwan, Province of
TAMATAKA MARU No. 22 1965	389	JPN	m. ferry	Broken up	Japan
TENYU MARU 1962	266	JPN	m. tanker	Broken up	Japan
TERRANOVA 1924	199	ITL	s. tug	Broken up	Italy
TOMI MARU No. 51 1962	202	JPN	m. fishing	Broken up	Japan
TOWA MARU 1962	499	JPN	m. cargo	Broken up	Japan
TOYOFUJI MARU 1964	195	JPN	m. tanker	Broken up	Japan
TOYOHARU MARU 1963	454	JPN	m. sand carrier	Broken up	Japan
TROPIC HAVEN 1946	514	BAH	m. cargo	Broken up	United States of America

Continued

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
TSURUHIRO MARU 1965	191	JPN	m. cargo	Broken up	Japan
TYSMIENICA 1959	673	POL	s. fishing	Broken up	Poland
UNITED CARRIER 1947	7058	LIB	m. cargo	Broken up	Pakistan
UNO MARU 1943	156	JPN	s. tug	Broken up	Japan
VANDA 1957	7845	LIB	m. bulk carrier	Broken up	United Kingdom
VLIELAND 1959	12223	NTH	s. tanker	Broken up	Hong Kong
WIECZOREK 1953	1971	POL	s. ore carrier	Broken up	United Kingdom
WIERZYCA 1958	680	POL	s. fishing	Broken up	Poland
WILLIAM J. MCKELL 1955	1105	SNG	s. hopper dredger	Broken up	Singapore
WILLIAM SPEARING 1945	136	GBI	m. tanker	Broken up	United Kingdom
WILLIAM WILBERFORCE 1959	698	GBI	m. trawler	Broken up	United Kingdom
WILLOWBRANCH 1950	2445	CAN	m. tanker	Broken up	Canada
WITISLANDER 1926	1267	NIC	m. tanker	Broken up	Colombia
YOSHINAKA MARU No. 18 1958	183	JPN	m. tanker	Broken up	Japan
ZUTUN MARU... .. 1960	199	JPN	m. tanker	Broken up	Japan

ADDITIONAL INFORMATION

- BELGULF GLORY, 12018 tons gross steam tanker, built 1959, BLG flag. Reported broken up in the Province of Taiwan in 1975.
- BLAAHAV, 121 tons gross motor cargo ship, built 1940, NOR flag. Reported condemned in Norway in 1977.
- BOON ISLAND, 1117 tons gross motor tug, built 1943, USA flag. Reported broken up in the United States of America in 1976.
- GEORGE DEWEY, 7231 tons gross steam cargo ship, built 1943, USA flag. Reported scuttled off the United States of America in 1976.
- HOKUSHIN MARU, 390 tons gross motor tanker, built 1956, JPN flag. Reported broken up in Japan in 1969.
- JONATHAN P. DOLLIVER, 7176 tons gross steam cargo ship, built 1943, USA flag. Reported broken up in Spain in 1972.
- JOSEPH E. BROWN, 7188 tons gross steam cargo ship, built 1943, USA flag. Reported scuttled off the United States of America in 1977.
- JOSEPH L. MEEK, 7180 tons gross steam cargo ship, built 1942, USA flag. Reported scuttled off the United States of America in 1976.
- KOKAND, 3300 tons gross motor tanker, built 1959, USR flag. Reported broken up in the U.S.S.R. in 1977.
- KUROSHIO MARU No. 35, 1159 tons gross motor cargo ship, built 1957, JPN flag. Reported broken up in Japan in 1977.
- LADY KL, 738 tons gross motor cargo ship, built 1928, PHI flag. Reported broken up in the Philippines in 1976.
- MARILENA, 478 tons gross motor cargo ship, built 1920, GRC flag. Reported broken up in Greece in 1971.
- MASTRO COSTAS, 495 tons gross motor cargo ship, built 1940, GRC flag. Reported condemned in Liberia in 1976.
- PELLA, 27187 tons gross steam tanker, built 1958, GRC flag. Reported broken up in Korea (South) in 1977.
- RAMTIND, 104 tons gross motor ferry, built 1926, NOR flag. Reported condemned in Norway in 1975.
- RUBY, 173 tons gross motor dredger, built 1939, GFR flag. Reported broken up in the Federal Republic of Germany in 1977.
- SAMENA, 4308 tons gross steam cargo ship, built 1948, BRZ flag. Reported broken up in Brazil in 1976.
- SPARTAN LEADER, 12769 tons gross motor tanker, built 1958, LIB flag. Reported broken up in the United States of America in 1976.
- VASSILISSA FREIDRIKI, also known as QUEEN FREDERICA, 16435 tons gross steam passenger ship, built 1927, GRC flag. Reported burnt out whilst in course of demolition in Greece in 1977.

Extract from the Society's Regulations:

"In providing services information or advice neither the Society nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed a clause) shall be liable for any loss damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and howsoever caused of the Society its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses the Society's services or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expense thereby which proved to have been due to any negligent act omission or error of the Society its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee (if any) charged by the Society for that particular service information or advice, or that part thereof which caused the loss."

IMPORTANT.—This advance copy is forwarded on condition that the information contained herein shall not be published or broadcast before Wednesday, 15th August, 1979.

LLOYD'S REGISTER OF SHIPPING

CASUALTY RETURN

**MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,
DURING THE QUARTER ENDED 31st DECEMBER, 1978
(as reported up to 30th June, 1979)**

For the purpose of this Return, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has been subsequently broken up.
Ships which have been declared constructive total losses but which are undergoing or have undergone repairs during the quarter do not appear in this Return.

NOTE: *It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 31st December, 1978".
Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71 Fenchurch Street, London, EC3M 4BS.*

71 FENCHURCH STREET, LONDON, EC3M 4BS.

July, 1979

TABLE 1—SHIPS TOTALLY LOST, BROKEN UP BY FLAG

Flag	MERCHANT FLEETS AS RECORDED IN STATISTICAL TABLES 1978		Foundered		Missing		Collision	
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross
ALGERIA	121	1,152,086	...	...	...	...	...	...
BARBADOS	33	4,448	...	...	...	...	...	...
BELGIUM	268	1,684,692	...	...	...	...	1	1,590
BRAZIL	565	3,701,731	...	...	...	...	...	...
CANADA	1,289	2,954,499	...	...	...	...	...	...
CAYMAN ISLANDS	135	169,100	2	2,988	...	...	...	39
CHINA, PEOPLE'S REPUBLIC OF	713	5,168,898	...	...	...	...	...	...
TAIWAN, PROVINCE OF	444	1,619,595	3	389	...	...	...	...
CYPRUS	793	2,599,529	2	7,796	...	...	...	...
DENMARK	1,397	5,530,408	2	498	...	...	...	...
ECUADOR	59	201,244	...	...	...	...	...	...
FRANCE	1,317	12,197,354	...	...	1	179	...	...
GERMANY, FEDERAL REPUBLIC OF	1,999	9,736,667	1	37,134	...	...	...	...
GREECE	3,666	33,956,093	3	4,293	...	...	2	...
INDONESIA	1,093	1,272,387	2	5,750	...	...	2	6,340
IRAN	208	1,194,675	...	...	...	...	...	...
ITALY	1,694	11,491,873	1	499	...	...	...	...
IVORY COAST	65	156,749	...	...	...	...	...	...
JAPAN	9,321	39,182,079	2	1,089	2	3,130	1	290
KOREA (SOUTH)	1,148	2,975,389	...	...	...	...	2	230
LEBANON	189	277,846	...	...	...	...	1	...
LIBERIA	2,523	80,191,329	...	...	...	...	1	...
LIBYA	75	885,362	...	...	...	...	...	...
NETHERLANDS	1,238	5,180,392	...	...	...	...	...	...
NORWAY	2,646	26,128,428	2	5,011	...	...	...	...
PANAMA	3,640	20,748,679	6	10,702	...	...	2	...
PERU	686	574,718	...	...	...	...	...	...
PHILIPPINES	577	1,264,995	1	999	...	...	...	...
POLAND	796	3,490,587	...	...	...	...	1	100
SAUDI ARABIA	154	1,246,112	...	...	...	...	...	...
SINGAPORE	954	7,489,205	...	...	...	...	1	8,010
SOUTH AFRICA	295	660,735	...	...	...	...	...	...
SPAIN	2,753	8,056,080	1	220	...	...	...	...
SWEDEN	696	6,508,255	1	2,285	...	...	...	...
TURKEY	460	1,358,779	...	...	...	...	...	...
U.S.S.R.	7,991	22,261,927	...	...	...	...	...	...
UNITED KINGDOM	3,359	30,896,606	2	387	1	114	1	...
UNITED STATES OF AMERICA	4,746	16,187,636	5	2,538	...	...	...	...
URUGUAY	48	174,357	...	...	...	...	...	...
VIETNAM	80	162,585	...	...	...	...	...	...
YUGOSLAVIA	468	2,365,630	...	...	...	...	...	...
WORLD TOTAL	69,020	406,001,979	36	82,578	4	3,423	10	16,980

The percentage proportion of the world fleet totally lost during the December Quarter, 1978, was 0.12% of ships and 0.05% of gross tonnage.

DECEMBER 1978

EN ... DURING THE FOURTH QUARTER 1978

	Wrecked		Lost, etc.		Total Lost		Broken up, etc.		Flag
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
1,598	...	...	...	...	1	1,598	...	...	ALGERIA
...	...	...	...	...	1	127	...	...	BARBADOS
...	...	...	...	...	...	...	1	3,701	BELGIUM
...	...	...	...	...	...	...	1	30,379	BRAZIL
...	...	...	...	...	1	396	2	3,156	CANADA
396	...	...	...	...	2	2,988	...	...	CAYMAN ISLANDS
...	...	...	...	...	...	...	...	...	CHINA, PEOPLE'S REPUBLIC OF
...	1	263	...	...	4	652	1	7,622	TAIWAN, PROVINCE OF
...	...	...	...	...	2	7,796	8	53,300	CYPRUS
...	...	...	...	...	2	498	1	199	DENMARK
...	...	...	...	...	...	...	1	20,012	ECUADOR
...	...	...	...	...	1	179	2	8,452	FRANCE
...	...	...	...	...	1	37,134	3	63,911	GERMANY, FEDERAL REPUBLIC OF
6,344	3	41,458	...	...	10	65,898	26	384,939	GREECE
...	...	...	...	...	2	5,750	...	...	INDONESIA
...	1	196	...	...	1	196	...	...	IRAN
...	1	500	...	...	2	999	7	77,607	ITALY
...	...	...	...	...	...	...	1	10,788	IVORY COAST
...	1	671	...	...	7	5,688	16	104,837	JAPAN
299	1	304	...	...	4	2,705	...	...	KOREA (SOUTH)
231	1	1,315	...	...	1	1,315	...	...	LEBANON
...	...	...	...	...	1	4,385	31	946,883	LIBERIA
...	...	...	...	...	...	...	2	44,684	LIBYA
...	1	111	...	...	1	111	2	120,474	NETHERLANDS
...	2	759	1	157	5	5,927	3	55,422	NORWAY
148	5	24,927	...	...	13	49,665	20	270,235	PANAMA
...	...	...	...	...	...	...	1	12,858	PERU
...	...	...	...	...	1	999	1	8,556	PHILIPPINES
103	...	...	...	...	1	103	2	3,933	POLAND
...	...	...	...	...	...	...	4	79,056	SAUDI ARABIA
...	...	...	...	...	1	8,012	2	16,028	SINGAPORE
8,012	...	...	...	...	...	...	3	599	SOUTH AFRICA
...	2	738	...	...	3	958	1	3,059	SPAIN
...	...	...	...	...	1	2,285	...	...	SWEDEN
...	1	1,127	...	...	1	1,127	...	...	TURKEY
...	...	...	...	...	...	...	1	639	U.S.S.R.
...	1	422	...	...	5	1,196	18	257,742	UNITED KINGDOM
...	...	...	...	...	5	2,538	5	32,407	UNITED STATES OF AMERICA
...	...	...	...	...	...	...	1	18,584	URUGUAY
...	...	...	...	...	...	...	1	1,527	VIETNAM
...	...	...	...	...	...	...	1	376	YUGOSLAVIA
35,983	21	72,791	1	157	80	211,225	169	2,641,965	WORLD TOTAL

5% of ... of the world fleet broken up, etc., not consequent upon casualty was 0.24% of ships and 0.65% of tonnage.

STEAMSHIPS AND MOTORSHIPS

(Listed in alphabetical order of ship name, excluding ships of less than 100 tons gross)

DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

EXPLANATIONS OF CONTRACTIONS

FLAG

ALB = Albania	ELS = El Salvador	JAM = Jamaica	RCV = Cape Verde Republic
ALG = Algeria	ETH = Ethiopia	JOR = Jordan	RUM = Romania
ARG = Argentina	FAR = Faroe Islands	JPN = Japan	SAF = South Africa
AST = Australia	FIJ = Fiji	KEN = Kenya	SAU = Saudi Arabia
AUS = Austria	FIN = Finland	KMP = Kampuchea	SEN = Senegal
BAH = Bahamas	FRA = France	KRS = Korea (South)	SIE = Sierra Leone
BBD = Barbados	GAB = Gabon	KUW = Kuwait	SNG = Singapore
BDI = Burundi	GAM = Gambia	LBY = Libya	SOL = British Solomon Islands
BER = Bermuda	GBI = United Kingdom	LEB = Lebanon	SOM = Somali Republic
BLG = Belgium	GDR = German Democratic Republic	LIB = Liberia	SPN = Spain
BLZ = Belize	GFR = Germany, Federal Republic of	MAL = Malaysia	SRI = Sri Lanka
BMA = Burma	GHA = Ghana	MAU = Mauritania	STV = St. Vincent
BNG = Bangladesh	GIB = Gibraltar	MDV = Maldives Islands	SUD = Sudan
BRN = Bahrain	GRC = Greece	MEX = Mexico	SWD = Sweden
BRZ = Brazil	GRE = Grenada	MGY = Madagascar	SWZ = Switzerland
BUL = Bulgaria	GUA = Guatemala	MON = Monaco	SYR = Syria
BVI = British Virgin Islands	GUI = Guinea	MOR = Morocco	TAN = Tanzania
CAN = Canada	GUY = Guyana	MTA = Malta	THA = Thailand
CAY = Cayman Islands	HAI = Haiti	NHB = New Hebrides	TON = Tonga
CHL = Chile	HKG = Hong Kong	NIC = Nicaragua	TRI = Trinidad & Tobago
CHR = China, People's Rep. of	HON = Honduras	NIG = Nigeria	TRK = Turkey
CHT = Province of Taiwan	HUN = Hungary	NOR = Norway	TUN = Tunisia
CMN = Cameroon	ICL = Iceland	NTH = Netherlands	UAE = United Arab Emirates
COL = Colombia	IDA = Indonesia	NZL = New Zealand	URG = Uruguay
CON = Congo	IND = India	OMN = Oman	USA = United States of America
COS = Costa Rica	IRN = Iran	PAK = Pakistan	USR = U.S.S.R.
CUB = Cuba	IRP = Irish Republic	PAN = Panama	VEN = Venezuela
CYP = Cyprus	IRQ = Iraq	PAR = Paraguay	VNM = Vietnam
CZE = Czechoslovakia	ISR = Israel	PER = Peru	YAR = Yemen Arab Republic
DEN = Denmark	ITL = Italy	PHI = Philippines	YPR = Yemen, People's Dem. Rep. of
DOM = Dominican Republic	IVC = Ivory Coast	PNG = Papua New Guinea	YUG = Yugoslavia
ECU = Ecuador		POL = Poland	ZAI = Zaire
EGY = Egypt		PTG = Portugal	
		QAT = Qatar	

DESCRIPTION

c = Composite	irn = Iron	s. = Steamship
f = Ferro-concrete	m. = Motorship	(T) = Oil Tanker
gt = Gas Turbine	rp. = Reinforced plastic	w = Wood

Note—Unless otherwise stated, all steamships and motorships were of steel construction

Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AJAX II 1964	837	PAN	m. cargo	Ravenna—Tripoli	Animal feed	Sprang leak in engine room 30 miles N.W. of Pylos on 1st October; taken in tow to Navarino Bay where sank.	2nd Oct.
ALSTERN 1971	2285	SWD	m. cargo	Gruvon—Tyne	Paper	150 miles E. of Firth of Forth in approximately lat. 56 00N., long. 02 00E., in heavy weather.	24th Dec.
ANNE 1972	199	USA	m. fish carrier	...	...	Capsized and sank off Eldred Passage, Kachemak Bay, Alaska.	7th Dec.
ANNEMIEKE 1968	1421	PAN	m. cargo	Furnace—Hamburg	Gravel, granite chips	Sprang leak and sank 13 miles off Peterhead in heavy weather.	10th Nov.
APOLLO 1 1969	2755	IDA	m. cargo	Kalimantan—Kaohsiung	Logs	In lat. 19 30N., long. 120 02E., in heavy weather.	23rd Oct.

Continued

Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
BERGIT THOR... 1952	199	DEN	m. cargo	Vejle— Frederiksvaerk	Scrap	4 miles W. of Sjaelland in lat. 56 02 00N., long. 11 10 02E., in heavy weather; subsequently disposed of by explosives.	5th Oct.
CLAVERIA CLIPPER... 1957	999	PHI	m. cargo	Claveria— Hong Kong	Plywood	48 miles W. of Pasuquin, N. Luzon, in heavy weather.	12th Dec.
CROW ... 1944	179	USA	w.m. landing craft	Kodiak—Egigik	Construction material & steel bars	In Shelikof Strait, between Alaska Peninsula and Kodiak Island.	21st Nov.
DECIMUM ... 1973	1600	CYP	m. cargo	Ghent—Madeira	Cement clinker	S.W. of Lisbon in approximately lat. 37 30N., long. 12 15W., in heavy weather.	31st Dec.
EPIC ... 1970	137	USA	m. fishing	... ..	...	Capsized S.E. of Kodiak Island in lat. 56 06N., long. 155 23W., subsequently scuttled 30 miles W. of Tugidak Island on 6th November.	4th Nov.
ERIK JORS ... 1966	299	DEN	m. cargo	Antwerp—Banjul	General	60 miles E. of the Canary Islands after developing list.	15th Oct.
FENG YU No. 1 ... 1964	100	CHT	w.m. trawler	... ..	...	In East China Sea in lat. 27 05N., long. 122 15E., after engine room flooded in heavy weather.	27th Oct.
GIANT NAVIGATOR... 1967	4009	PAN	m. cargo	Sandakan— Kagawa	Logs	Capsized and sank 150 miles S.W. of Ishigaki Island in lat. 22 40N., long. 123 36E., after sustaining engine failure off Okinawa on 22nd November, during a typhoon.	25th Nov.
GLACIER QUEEN ... 1944	1833	USA	s. passenger & cargo	At Seldovia Bay	Ballast	At anchor in Seldovia Bay, subsequently raised and scuttled 100 miles W. of Cape St. Elias.	8th Nov.
GOD PIONEER No. 1 1957	1589	PAN	m. cargo	Hong Kong— Singapore	General	In South China Sea after holds flooded during a typhoon.	22nd Oct.
GOLAR BORG... 1969	4892	NOR	m. cargo	Rostock—Havana	Potatoes	Developed serious list 380 miles W. of Azores on 31st October in heavy weather and presumed to have foundered in approximately lat. 38 30N., long. 40 12W.	3rd Nov.
GRAMPIAN GLEN ... 1975	127	GBI	m. trawler	... ..	...	E. of the Orkneys in approximately lat. 59 03N., long. 00 40E., in heavy weather.	5th Oct.
HAWTHORNE ENTERPRISE 1958	999	CAY	m. cargo	Puerto Cortes— Trinidad	Lumber	Developed heavy list N.E. of Nicaragua in lat. 15 42N., long. 80 54W., on 6th November and presumed to have foundered.	7th Nov.
IRENES HOPE ... 1952	6196	CYP	m. cargo	Civitavecchio— Damman	...	N.W. of Alexandria in lat. 32 46N., long. 28 15E., after engine failure.	13th Dec.
JUNG TAI No. 1 ... 1973	164	CHT	m. trawler	... ..	...	E. of Madagascar in lat. 20 08S., long. 53 20E., after making water in engine room.	18th Nov.
KAIFUKU MARU No. 18 1970	965	JPN	m. liquefied gas carrier	Takasago— Penang	Polyvinyl chloride monomer	Capsized 125 miles S.W. off Manila in approximately lat. 13 35N., long. 119 10E., during a typhoon and presumed to have foundered.	12th Oct.
KEY WEST ... 1977	190	USA	m. stern trawler	... ..	...	N.E. of Unimak Island, in lat. 56 06N., long. 163 06W.	22nd Oct.
LOON HSING ... 1962	2670	PAN	m. cargo	... ..	...	In South China Sea, W. of Palawan, during a typhoon.	11th Oct.

Continued

DECEMBER 1978

Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
MASSO 30 ... 1950	220	SPN	m. trawler	... ..	...	Sprang leak and sank 30 miles off La Coruna.	2nd Nov.
MIDNIGHT MOON ... 1966	176	PAN	m. supply	Khafi Well— Al Haut Field	Heavy equipment	Capsized and sank in lat. 28 57 22N., long. 49 03 03E., after cargo shifted in heavy weather.	1st Nov.
MUNCHEN ... 1972	37134	GFR	m. barge carrier	Rotterdam— Savannah & New Orleans	83 lash barges	Sailed from Rotterdam on 5th December and from Bremerhaven on 7th December and last reported in distress 450 miles N. of the Azores in lat. 46 15N., long. 27 30W., at 0325 hours on 12th December in heavy weather and presumed to have foundered.	12th Dec.
NIKO PRIMO ... 1968	499	ITL	m. cargo	Chalkis— Tripoli, Libya	Cement pipes	Off Akra Tainaron in heavy weather.	27th Oct.
NYNES ... 1947	119	NOR	m. cargo	Aardal— Haugesund	Sand	In Karmsund, S. of Kopervik, in heavy weather.	3rd Oct.
RAYLIGHT ... 1968	260	GBI	m. cargo	Sharpness— Ballylongford	Bagged basic slag fertiliser	33 miles off Carnsore Point in lat. 51 38 15N., long. 06 35 30W., in heavy weather.	8th Nov.
SCONSET ... 1965	1989	CAY	m. cargo	Georgetown— New Orleans	Sugar	Capsized and sank in Demerara River off Georgetown, Guyana, in lat. 07 00 10N., long. 58 03 51W., in heavy weather.	22nd Dec.
SEA BREEZE ... 1953	499	GRC	m. cargo	Bayonne—Hull	Maize	Off Pointe de Penmarc'h, in lat. 47 45N., long. 04 30W., after developing list due to cargo shifting.	25th Dec.
TAH HUNG FAH No. 1 ... 1966	125	CHT	m. fishing	... ..	...	Off W. coast of Province of Taiwan in lat. 24 15N., long. 120 15E., in heavy weather.	19th Dec.
TAIKI MARU No. 3 ... 1970	124	JPN	m. fishing	... ..	...	Capsized and sank off Wakkanai in lat. 45 32N., long. 142 31E.	6th Dec.
TENORGA ... 1955	3300	GRC	m. cargo	Antwerp— Annaba	Steel	½ mile off Leixoes in lat. 41 09 34N., long. 08 42 20W., in heavy weather.	28th Dec.
TRITON ... 1951	494	GRC	m. cargo	Serifos—Samos	Cement	S. of Ikaria Island, Aegean Sea.	12th Nov.
WAHYUNI ... 1970	2995	IDA	m. cargo	... ..	...	In lat. 21 40N., long. 122 00E., in heavy weather.	11th Oct.

Missing

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ACACIA WOOD ... 1976	114	GBI	m. trawler	... ..	...	Sailed from the Bressay bank fishing grounds for Peterhead and last reported at 1800 hours GMT on 7th December in lat. 59 40N., long. 01 20E., in heavy weather and not since heard of.	...
ALCYON ... 1964	179	FRA	m. trawler	... ..	...	Sailed from Lorient on the 7th December and last reported on 13th December W. of Hartland Point in lat. 50 51N., long. 05 24W., in heavy weather and not since heard of.	...

Continued

Missing—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
HIMAWARI MARU ... 1964	1131	JPN	m. cargo	Kaohsiung— Hakata	Timber	Sailed from Kaohsiung on 19th November for Hakata and last reported at 1200 hours on 23rd November in lat. 28 00N., long. 126 22E., in heavy weather and not since heard of.	...
SEA PINE ... 1978	1999	JPN	m. cargo	Balikpapan— Taichung	Logs	Sailed from Balikpapan on 23rd October for Taichung and last reported at 0930 hours GMT on 29th October, 120 miles S. of the Province of Taiwan, in heavy weather and not since heard of.	...

Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AL-NIKOLAS ... 1954	1443	GRC	m. cargo	Bremen— Benghazi	General	Caught fire in engine room off Oran in lat. 36 32N., long. 00 20W., subsequently towed to Cartagena, Spain and sold for breaking up.	28th Oct.
BARBADOS 3 ...	127	BBD	rp.m. trawler	...	...	Caught fire and sank after explosion off Baia de Marajo, Brazil.	15th Nov.
BONNY ... 1957	4385	LIB	m. oil/ chemical tanker	At Itsea	Ballast	Caught fire in engine room at Itsea; subsequently towed to Cadiz and thence to Santander, sold and broken up.	28th Oct.
FEOSO SUN ... 1960	13186	PAN	m. tanker	At Manila Bay	Ballast	Sank after explosion and fire whilst at anchor in Manila Bay in lat. 14 30 42N., long. 120 37 30E.	7th Nov.
HATSUE MARU No. 55 1971	499	JPN	m. fishing	...	...	Sank after explosion and fire in boiler room in approximately lat. 51 41N., long. 130 41W., in heavy weather.	17th Dec.
KOSMAS M ... 1957	12360	GRC	m. tanker	Odessa—Bar	Fuel oil	Damaged by fire and explosion in engine room off Akbas in lat. 40 13 00N., long. 26 25 00E., following generator trouble, and anchored off Akbas; subsequently towed to Bar, thence to Cadiz and Barcelona, sold and broken up.	25th Dec.
OKINO ... 1962	273	GBI	m. trawler	...	...	Caught fire in engine room N.W. of Foula in approximately lat. 60 50N., long. 02 45W; subsequently towed to Lerwick and thence to Grimsby, sold and broken up.	12th Oct.
PERICLES ... 1951	850	PAN	m. liquefied gas carrier	Durban— East London	Liquefied petroleum gas	Extensively damaged by explosion and fire in pump room at Durban; subsequently broken up.	24th Dec.
QUEEN STAR ... 1967	1994	KRS	m. cargo	Keelung—Busan	General	Damaged by explosion and fire 100 miles N.N.W. of Senkaku Islands in lat. 27 25N., long. 123 10E; subsequently towed to Busan, sold and broken up.	26th Dec.
WOO JUNG No. 11 ... 1966	176	KRS	m. fishing	...	...	Caught fire after explosion in engine room 110 miles S. of Kaohsiung; subsequently sank in lat. 20 55N., long. 120 40E.	30th Oct.

Collision

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
COLLO 1973	1598	ALG	m. cargo	Algiers— Marseilles	...	Sank after collision with ESPRESSO MARLEN 60 miles E. of Cape Palos in lat. 37 45N., long. 00 16E.	4th Oct.
DANAOS 1958	4595	GRC	m. cargo	Liverpool— Gydnia	Ballast	Damaged by collision with SATSUMA 17 miles N. of Cherbourg in lat. 49 53 30N., long. 01 29 00W., subsequently towed to Cherbourg and thence to Vigo and sold for breaking up.	3rd Dec.
KOL-166... .. 1972	103	POL	m. fishing	... ..	...	Sank after collision with EARLY BIRD S.E. of Bornholm in lat. 54 41N., long. 15 16E.	31st Oct.
KOTA DEWI 1958	8012	SNG	m. cargo	Jeddah-Hodeidah	General	Sank after collision with LONG-LIN N.W. of Hodeidah, in lat. 15 33N., long. 41 43E.	22nd Nov.
OYANG No. 38 ... 1966	231	KRS	m. fishing	... ..	...	Sank after collision with an unidentified ship S.W. of Cartagena in lat. 36 56N., long. 02 11E.	30th Dec.
POINTE MARGUERITE 1973	396	CAN	m. tug	... ..	...	Sank off Seven Islands, in Baie des Sept Isles, in lat. 50 10 32N., long. 66 26 14W., after being crushed between CIELO BLANCO and ALGOBAY whilst towing the former ship.	14th Nov.
SPRING 1956	1749	GRC	m. cargo	Ghazaouet— Tarragona	Ballast	Extensively damaged after collision with KARYATIS S. of Cartagena, Spain, in lat. 36 46N., long. 00 56W; subsequently towed to Cartagena, sold and broken up.	30th Oct.
SUMI MARU No. 12 ... 1973	299	JPN	m. fishing	... ..	...	Sank after collision with HOSHIN MARU No. 22 S. of Hobart in lat. 45 50S., long. 143 37E.	6th Dec.

Wrecked

(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ALI REIS V 1976	1127	TRK	m. cargo	Galatz— Porto Torres	Wood	At Pecorella Light beach, off Porto Vecchio, in approximately lat. 41 36 46N., long. 09 22 17E; subsequently broke in two in heavy weather.	4th Oct.
ALICIA 1 1963	234	PAN	m. cargo	Leningrad— ...	Sawn timber	On W. end of Suursaari after developing severe list 6 miles S.W. of Suursaari in heavy weather.	4th Nov.
BEN ASDALE 1972	422	GBI	m. stern trawler	... ..	...	At Maen Porth, Falmouth Bay, after steering failure in heavy weather.	30th Dec.
BENTE 1911	267	NOR	m. fishing	... ..	...	Stranded and sank 1 mile off Straumsjoen in heavy weather.	1st Nov.
CALA RAS 1960	389	SPN	m. cargo	Las Palmas— Agadir	Ballast	S. of Cap d'Aglou, N. of Sidi Ifni.	2nd Oct.
CEDAR STAR 1961	1315	LEB	m. cargo	Lebanon—Sudan	Army personnel	On Elba Reef, Red Sea, in lat. 22 00N., long. 37 00E.	21st Nov.

Continued

Wrecked—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
CHRISTOS BITAS ... 1963	30408	GRC	s. tanker	Europoort— Belfast	Crude oil	Stranded on Hats and Barrels Reef, 4½ miles E. of the Smalls Lighthouse, S.W. coast of Wales; refloated, taken in tow and developed list; cargo off-loaded, subsequently towed and scuttled 300 miles W. of Fastnet Rock in lat. 51 00N., long. 17 00W., on 31st October.	12th Oct.
DIMITRIOS ... 1953	500	GRC	m. cargo	Piræus—Pesaro	Wheat by-products	4 miles N. of Otranto in heavy weather.	19th Dec.
GABY ... 1963	349	SPN	m. cargo	Gijon—Santander	Coal	At entrance to Santander after rudder failure.	7th Dec.
GOOD HARVEST ... 1957	8286	PAN	m. cargo	Mormugao— Belawan	Sugar	Beached 2 miles N. of Colombo after springing leak in hold; subsequently refloated, taken to Belawan, thence to Singapore and Kaohsiung, sold and broken up.	22nd Oct.
KIMON M. ... 1952	3714	PAN	m. cargo	Iskenderun— Bombay	Lentils	Stranded and sank in Strait of Gubal, in lat. 27 34 30N., long. 33 55 48E., after striking a wreck.	12th Dec.
MARIA COSTANZA ... 1954	500	ITL	m. cargo	Malta—Fiumicino	Ballast	Off Formiche Islands, ½ mile off Ponza Island, W. of Naples; subsequently damaged by explosion and fire in engine room.	14th Oct.
NASSRIN ... 1957	196	IRN	m. supply	...	...	Struck offshore platform and sank in lat. 25 27 48N., long. 52 56 30E.	20th Dec.
NORSAND ... 1957	492	NOR	m. cargo	Ardal—Bergen	Sand	Stranded and sank at Ternholmen, Karmsund.	3rd Oct.
SAM SONG No. 32 ... 1963	304	KRS	m. fishing	...	...	At Ribeira de Brava, Sao Tiago Island, in lat. 15 13N., long. 23 37W., after engine failure.	27th Nov.
SHIN TUNG YONG 18 1968	263	CHT	m. trawler	...	...	Struck submerged object off Saldhana Bay in lat. 33 18S., long. 17 40E; subsequently caught fire in engine room and sank in lat. 33 27S., long. 17 32E., on 10th October.	9th Oct.
ST. MICHAEL ... 1961	10550	GRC	m. bulk carrier	San Lorenzo— Venice	Maize and pollards	Stranded off Chioggia after dragging anchors in heavy weather; subsequently refloated and taken to Chioggia, thence to Venice and Split and sold for breaking up.	27th Nov.
TONAN MARU No. 11 1956	671	JPN	m. fishing	...	...	3 miles off Tanjong Sirik in lat. 02 46 10N., long. 111 16 06E., after engine failure in heavy weather; subsequently capsized.	13th Dec.
TOR BAY ... 1959	487	PAN	m. cargo	Guernsey— Leixoes	Cast iron scrap	Stranded between mouth of River Douro and Leixoes harbour in heavy weather; subsequently broke in two.	13th Dec.
TRANS SAPPHIRE ... 1952	12206	PAN	m. bulk carrier	Yosu—Karachi	Ammonium phosphate in bags	Off Keelung in lat. 25 11N., long. 121 43E., after dragging anchors during a typhoon; subsequently broke in two.	14th Oct.
WADDENZEE ... 1967	111	NTH	m. trawler	...	...	On Recifs de l'Etoile off S. Madagascar in lat. 25 25 30S., long. 44 15 12E., in heavy weather.	13th Dec.

Lost

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
POLARHOLM ... 1922	157	NOR	w.m. cargo	Kristiansund N.— ...	...	Found abandoned S.W. of Kristiansund N., in lat. 62 51N., long. 06 24E., and towed to Ona; subsequently scuttled.	13th Nov.

CORRECTION

MIMO, 961 tons gross motor cargo ship, built 1957, LEB flag. Reported wrecked on page 10 of the March Quarterly Casualty Return, 1978. Details should read MIMO 1, 499 tons gross motor cargo ship, built 1940, LEB flag.

REINSTATE

KRITI SUN, 61054 tons gross motor tanker, built 1974, GRC flag. Reported burnt on page 47 of the December Quarterly Casualty Return, 1975. Since reported repaired and replaced in commission as HAWAIIAN SUN.

ADDITIONAL INFORMATION

AKASHI MARU No. 8, 432 tons gross motor cargo ship, built 1967, JPN flag. Reported foundered off Echizen Misaki on 21st February, 1977.

ALDEBARAN, 1996 tons gross motor cargo ship, built 1964, BRZ flag. Reported stranded after collision with MIRONAVE at Furo Jaranaca, 60 miles from Belem, on 11th May, 1975, refloated and taken to Belem where capsized and sank on 24th June, 1975; subsequently raised and beached.

ALHADA, 6133 tons gross motor cargo ship, built 1948, SAU flag. Reported damaged by fire at Jeddah on 8th December, 1976; subsequently towed to Piræus and thence to Castellon, sold and broken up.

AN HWA, 5618 tons gross motor cargo ship, built 1949, PAN flag. Reported sank at Kaohsiung on 29th August, 1977; subsequently raised, sold and broken up.

ASIA LAKE, 2000 tons gross motor cargo ship, built 1967, PAN flag. Reported sank after collision with SUMATRA off Ube in lat. 33 50 36N., long. 131 17 18E., on 20th August, 1977; subsequently raised, towed to Onomichi and thence to Ako, sold and broken up.

BAEK YEONG No. 110, 135 tons gross motor trawler, built 1967, KRS flag. Reported wrecked in the Bay of Busan on 2nd June, 1977.

BAHIA HONDA, 612 tons gross motor trawler, built 1967, CUB flag. Reported damaged by fire at Las Palmas on 17th March, 1975; subsequently towed to Vigo, sold and broken up.

COSTA DE CUBA, 328 tons gross motor trawler, built 1959, SPN flag. Reported damaged by fire off Newfoundland on 12th May, 1975; subsequently taken to El Ferrol, sold and broken up.

ELIAS K., 3681 tons gross motor cargo ship, built 1956, GRC flag. Reported damaged by fire off Madras in lat. 13 37N., long. 82 30E., on 1st November, 1977 and towed into Madras; sustained damage by ranging against quay wall on 18th November during a cyclone; subsequently taken to Bombay, sold and broken up.

EVROS, 20687 tons gross steam tanker, built 1957, GRC flag. Reported sank in port at Rio Grande on 13th January, 1975; subsequently towed to Busan, sold and broken up.

FERNANDA, 106 tons gross motor fishing vessel, MEX flag. Reported burnt and sank N. of Tampico in lat. 24 27 30N., long. 97 27 48W., on 14th August, 1976.

GAINES MILL, 12180 tons gross steam tanker, built 1943, USA flag. Reported capsized whilst in tow S. of Kaohsiung during a typhoon and subsequently stranded on Kaohsiung harbour breakwater on 25th July, 1977; subsequently broken up.

GIADA, 1595 tons gross steam cargo ship, built 1949, ITL flag. Reported damaged by collision with THILDA in the Strait of Messina on 23rd November, 1977; subsequently towed to Vado Ligure, sold and broken up.

INTELLECT, 5957 tons gross motor cargo ship, built 1957, PAN flag. Reported damaged by fire in Straits of Malacca in lat. 03 37N., long. 99 29E., on 26th November, 1976; subsequently towed to Singapore and thence to Indonesia, sold and broken up.

JEM, 110 tons gross motor fishing vessel, built 1969, USA flag. Reported foundered 10 miles S. of Cameron, La., in 1970.

JUAN BAUTISTA, 775 tons gross motor tanker, built 1944, ECU flag. Reported burnt and sank at La Libertad in lat. 02 12 45S., long. 80 55 02W., on 21st December, 1976.

KEUM SHIN No. 7, 502 tons gross motor cargo ship, built 1955, KRS flag. Reported sank after collision with PACIFIC CONVEYOR at Busan on 19th November, 1975; subsequently raised, sold and broken up.

MARICARMEN, 382 tons gross motor cargo ship, built 1927, PTG flag. Reported foundered off Cabo da Gata in December, 1977.

PENELOPE DEMET, 439 tons gross motor cargo ship, built 1956, CYP flag. Reported foundered in the Aegean Sea in heavy weather on 9th July, 1977.

ADDITIONAL INFORMATION—*continued*

RIO SANTIAGO, 3263 tons gross motor cargo ship, built 1949, ARG flag. Reported damaged by fire at Buenos Aires on 13th July, 1976; subsequently towed to Campana, sold and broken up.

TERUSAN JAYA, 521 tons gross motor cargo ship, built 1968, IDA flag. Reported caught fire in engine room between Sedanau and Pulau Payung, Tarempa, in lat. 03 36 50N., long. 107 20 10E., on 27th February, 1977 and subsequently stranded at Karang Lintang; refloated but later sank.

VAN CAMP No. 1, 360 tons gross motor trawler, USA flag. Reported wrecked at Funafuti, Ellis Islands, on 26th October, 1972.

VICTORIA, 825 tons gross motor cargo ship, built 1948, GRC flag. Reported damaged by fire at Chalkis on 12th September, 1977; subsequently sold, taken to Perama and broken up.

WAN FU, 9180 tons gross motor cargo ship, built 1950, PAN flag. Reported beached after collision with NIKKEI MARU No. 3 at Eastern Anchorage, Singapore, in lat. 01 13 51N., long. 103 53 12E., on 14th November, 1977; subsequently refloated, towed into Singapore and thence to Kaohsiung, sold and broken up.

TABLE 2—STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.
NOT CONSEQUENT UPON CASUALTY DURING THE QUARTER

Flag	No.	Tons Gross	Place of Disposal	No.	Tons Gross
Belgium	1	3,701	Belgium	2	4,340
Brazil	1	30,379	Brazil	1	30,379
Canada	2	3,156	Canada	1	2,500
China, People's Republic of	—	—	China, People's Republic of	4	25,663
Taiwan, Province of	1	7,622	Taiwan, Province of	58	1,842,266
Cyprus	8	53,300	Denmark	1	199
Denmark	1	199	Germany, Federal Republic of	1	976
Ecuador	1	20,012	Greece	6	24,897
France	2	8,452	Hong Kong	10	89,397
Germany, Federal Republic of	3	63,911	Italy	9	66,942
Greece	26	384,939	Japan	16	18,176
Italy	7	77,607	Korea (South)	3	98,497
Ivory Coast	1	10,788	Pakistan	10	79,082
Japan	16	104,837	Panama	1	4,884
Liberia	31	946,883	Poland	1	2,005
Libya	2	44,684	South Africa	3	599
Netherlands	2	120,474	Spain	17	223,037
Norway	3	55,422	Sweden	1	3,055
Panama	20	270,235	United Kingdom	12	30,342
Peru	1	12,858	United States of America	8	69,910
Philippines	1	8,556	Yugoslavia	4	24,819
Poland	2	3,933			
Saudi Arabia	4	79,056			
Singapore	2	16,028			
South Africa	3	599			
Spain	1	3,059			
U.S.S.R.	1	639			
United Kingdom	18	257,742			
United States of America	5	32,407			
Uruguay	1	18,584			
Vietnam	1	1,527			
Yugoslavia	1	376			
World Total	169	2,641,965	World Total	169	2,641,965

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
ADMIRAL FROBISHER 1957	274	GBI	m. fishing	Broken up	United Kingdom
ADY 1956	7689	GRC	m. ore carrier	Broken up	Italy
AGHIOS NECTARIOS 1958	20451	LBY	s. tanker	Broken up	Italy
AGIOS FANOURIOS VII 1942	2416	GRC	m. cargo	Broken up	Greece
AL DHAHRAN 1946	4711	SAU	m. cargo	Broken up	Greece
ALBISOLA 1958	22424	ITL	m. tanker	Broken up	Taiwan, Province of
ALCAID 1957	21506	ITL	m. tanker	Broken up	Taiwan, Province of
ALEXANDROS 1955	12380	CYP	m. tanker	Broken up	Greece
ALTANIN 1964	44935	GBI	s. tanker	Broken up	Taiwan, Province of
ANGE SCHIAFFINO 1951	5397	FRA	m. cargo	Broken up	Spain
ANNA BAKKE 1950	6082	NOR	m. cargo	Broken up	Hong Kong
ARALDA 1951	8802	ITL	m. tanker	Broken up	Italy
ARCO COMPETITOR 1962	29698	LIB	s. tanker	Broken up	United States of America
ARION 1956	7912	CYP	m. cargo	Broken up	Spain
ARO 1956	22670	LIB	m. tanker	Broken up	Spain

Continued

DECEMBER 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
ASTREE... .. 1954	3055	FRA	m. cargo	Broken up	Sweden
ATHELVISCOUNT 1961	12592	GBI	s. tanker	Broken up	Hong Kong
AUGSBURG 1959	976	GFR	m. fishing	Broken up	Germany, Federal Republic of
BANDA CAREER 1952	7072	PAN	m. cargo	Broken up	Japan
BENGLOE 1961	8619	GBI	s. cargo	Broken up	Hong Kong
BRADEVERETT 1953	5313	LIB	m. cargo	Broken up	China, People's Republic of
BUENA ESPERANZA 1950	6307	PAN	m. cargo	Broken up	Spain
CALLAO 1956	10788	IVC	s. cargo	Broken up	Spain
CAPE ELIZABETH 1943	6675	USA	s. cargo	Broken up	United States of America
CAPE FAREWELL 1944	5124	USA	s. cargo	Broken up	United States of America
CAPRINUS 1950	18256	GFR	s. tanker	Broken up	Hong Kong
CARDIFF II 1965	43407	LIB	s. tanker	Broken up	Taiwan, Province of
CHAR HANG 1951	6919	PAN	m. cargo	Broken up	Taiwan, Province of
CHEVRON ARNHEM 1958	21394	NTH	s. tanker	Broken up	Taiwan, Province of
CHI LEE 1953	6997	PAN	m. cargo	Broken up	Japan
CHIK CHAU 1949	4884	PAN	m. cargo	Broken up	Panama
CHITOSE MARU No. 10 1963	121	JPN	m. tanker	Broken up	Japan
CIUDAD DE IBIZA 1929	3059	SPN	m. passenger & cargo	Broken up	Spain
CORALBA 1937	5181	PAN	m. cargo	Broken up	Yugoslavia
CORDI 1956	8474	GRC	m. cargo	Broken up	Pakistan
COSMIC 1953	1598	CYP	m. cargo	Broken up	Greece
COSMONAFTIS 1964	31908	GRC	m. tanker	Broken up	Korea (South)
CRINIS 1957	24233	LBY	s. tanker	Broken up	Taiwan, Province of
DAIRYU MARU 1968	71220	JPN	m. tanker	Broken up	Taiwan, Province of
DANAOS 1939	4672	CYP	m. cargo	Broken up	Pakistan
DELESEA 1958	21291	GRC	s. tanker	Broken up	Taiwan, Province of
EASTERN MERCURY 1954	7060	PAN	m. cargo	Broken up	Hong Kong
ELLY ANN 1920	199	DEN	m. dredger	Broken up	Denmark
ESSO ARUBA 1959	29993	PAN	s. tanker	Broken up	Taiwan, Province of
EVANDROS 1941	5331	GRC	m. cargo	Broken up	United Kingdom
FANEROMENI... .. 1948	6775	CYP	m. cargo	Broken up	Pakistan
FERAIOS 1956	10423	LIB	s. cargo	Broken up	Spain
FOYLE ENTERPRISE 1930	625	GBI	s. hopper barge	Broken up	United Kingdom
FREEDOM 1960	23106	LIB	s. tanker	Broken up	Taiwan, Province of
FRISIA 1957	51321	LIB	s. tanker	Broken up	Taiwan, Province of
FULVIA 1956	10360	CYP	s. cargo	Broken up	Pakistan
GABON STAR... .. 1951	6076	GRC	m. cargo	Broken up	Yugoslavia
GALAXY 1962	27677	LIB	m. tanker	Broken up	Korea (South)
GARDEN MARS 1960	8197	LIB	m. ore carrier	Broken up	Spain
GATEWAY CITY 1943	9006	USA	s. container	Broken up	Hong Kong

Continued

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
GENAN MARU No. 1 1963	365	JPN	m. cargo	Broken up	Japan
GEORGE CHAMPION 1958	51319	LIB	s. tanker	Broken up	Taiwan, Province of
GILONE... .. 1951	2135	CYP	m. cargo	Broken up	Italy
GJERTRUD BAKKE 1950	6076	NOR	m. cargo	Broken up	Hong Kong
GOLDEN TIGER 1956	8905	PAN	s. cargo	Broken up	Taiwan, Province of
GULF LINDEN 1944	656	CAN	s. tug	Broken up	United States of America
HAKODATE MARU 1963	411	JPN	m. cargo	Broken up	Japan
HARVEST EUME 1964	196	SAF	m. fishing	Scuttled	Off South Africa
HARVEST JUPITER 1960	200	SAF	m. fishing	Scuttled	Off South Africa
HARVEST MERCURY 1963	203	SAF	m. fishing	Scuttled	Off South Africa
HOYO MARU... .. 1956	499	JPN	m. fishery research	Broken up	Japan
ISE MARU No. 8 1961	289	JPN	m. fishing	Broken up	Japan
JUPITER V 1953	6559	PAN	m. cargo	Broken up	Hong Kong
KAIAN MARU No. 8 1952	197	JPN	m. cargo	Broken up	Japan
KAIUN MARU... .. 1964	627	JPN	m. cargo	Broken up	Japan
KATIA 1955	7859	GRC	m. bulk carrier	Broken up	Spain
KAVO VRETTANOS 1960	22780	GRC	s. tanker	Broken up	Spain
KAVO YOSSONAS 1957	13269	GRC	m. tanker	Broken up	Spain
KIEN NAN 1952	7018	SNG	m. cargo	Broken up	Taiwan, Province of
KIMON 1961	16068	GRC	m. tanker	Broken up	Spain
KING ORRY 1946	2485	GBI	s. ferry	Broken up	United Kingdom
KINSHO MARU 1961	198	JPN	m. cargo	Broken up	Japan
KONING ALBERT 1948	3701	BLG	m. ferry	Broken up	Belgium
KOSHIN MARU 1970	124	JPN	m. sand carrier	Broken up	Japan
KOTA SUBUR... .. 1950	9010	SNG	m. cargo	Broken up	Pakistan
LAKE TRANSPORT 1930	2500	CAN	s. tanker	Broken up	Canada
LAMTONG CHAU 1947	5115	PAN	m. cargo	Broken up	China, People's Republic of
LEON 1950	7468	CYP	m. cargo	Broken up	Spain
LIEN CHANG 1953	8392	PAN	m. cargo	Broken up	Taiwan, Province of
LISELOTTE ESSBERGER 1966	44679	GFR	m. tanker	Broken up	Taiwan, Province of
LUK CHAU 1951	5072	PAN	m. cargo	Broken up	China, People's Republic of
LYKAVITOS 1958	27526	GRC	s. tanker	Broken up	Taiwan, Province of
MARCO POLO 1948	7026	ITL	m. cargo	Broken up	Italy
MARCONA PIONEER 1962	44920	LIB	s. ore/oil carrier	Broken up	Taiwan, Province of
MARIA 1 1961	1527	VNM	m. tanker	Scuttled	Off Guam
MARVELLA 1957	10163	GRC	m. cargo	Broken up	China, People's Republic of
MINERVA 1949	6126	GRC	m. cargo	Broken up	Pakistan
MITRA 1969	99080	NTH	s. tanker	Broken up	Taiwan, Province of
MONTE BERICO 1945	3646	ITL	m. tanker	Broken up	Italy

Continued

DECEMBER 1978

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
SAFINA STAR... .. 1967	53029	SAU	s. tanker	Broken up	Taiwan, Province of
SALVENTURE 1942	1112	GBI	s. salvage	Broken up	Greece
SALVOR 1947	671	GBI	s. salvage	Broken up	United Kingdom
SEA CONCORD 1955	4662	PAN	m. cargo	Broken up	Hong Kong
SIROS TRADER 1958	12458	GRC	m. tanker	Broken up	United States of America
SIS 1940	376	YUG	m. cargo	Broken up	Yugoslavia
ST. JAMES 1957	17125	GRC	m. tanker	Broken up	Taiwan, Province of
STAUNCH 1953	728	GBI	s. research	Broken up	United Kingdom
STELLA STAR... .. 1951	9832	PAN	m. cargo	Broken up	Pakistan
SUMMERLEE 1956	274	GBI	m. safety vessel	Broken up	United Kingdom
SUSAN MAERSK 1954	8922	LIB	m. cargo	Broken up	Taiwan, Province of
TAIHO MARU... .. 1965	288	JPN	m. cargo	Broken up	Japan
TAMASHIMA MARU No. 3 ... 1958	168	JPN	m. cargo	Broken up	Japan
TARSEUS 111 1964	38912	LIB	m. tanker	Broken up	Korea (South)
TEA 1949	5632	GRC	m. cargo	Broken up	Pakistan
TEJIN MARU... .. 1962	187	JPN	m. chemical tanker	Broken up	Japan
TERPANDROS... .. 1953	2990	GRC	m. cargo	Broken up	Italy
TEXACO COLOMBIA 1964	45823	PAN	s. tanker	Broken up	Taiwan, Province of
TEXACO MARACAIBO 1965	47630	PAN	s. tanker	Broken up	Taiwan, Province of
TEXACO WESTMINSTER 1968	54908	GBI	s. tanker	Broken up	Taiwan, Province of
THEODOROS C. 1958	21863	GRC	m. tanker	Broken up	Taiwan, Province of
THEOGENNITOR 1957	20413	LIB	m. tanker	Broken up	Spain
THERAIOS 1935	2680	GRC	m. cargo	Broken up	Greece
THORHILD 1966	43264	NOR	m. tanker	Broken up	Taiwan, Province of
TRADE STAR 1959	28765	GRC	s. tanker	Broken up	Taiwan, Province of
TSUI YUNG 1944	7622	CHT	s. container	Broken up	Taiwan, Province of
UNION ALASKA 1954	13598	SAU	s. bulk carrier	Broken up	Taiwan, Province of
UNION LEADER 1963	27321	LIB	s. bulk carrier	Broken up	Taiwan, Province of
UNIVERSE COMMANDER... .. 1957	51398	LIB	s. tanker	Broken up	Taiwan, Province of
UNIVERSE DAPHNE 1960	72266	LIB	s. tanker	Broken up	Taiwan, Province of
VICTORIOUS COLOCOTRONIS ... 1958	13186	GRC	m. tanker	Broken up	Yugoslavia
WORLD FRIENDSHIP 1965	49437	LIB	s. tanker	Broken up	Taiwan, Province of
ZORINA... .. 1950	18802	PAN	s. bulk carrier	Broken up	Taiwan, Province of

Converted

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
SOLDEK 1949	2005	POL	s. ore carrier	Converted for use as a maritime museum	Poland

CORRECTION

BOON ISLAND, 1117 tons gross motor tug, built 1943, USA flag. Reported broken up on page 64 of the September Quarterly Casualty Return, 1978. Since reported foundered 5 miles W. of Point Arena, California, on 26th February, 1976, whilst in tow.

CENTRAL MASTER, 3253 tons gross steam cargo ship, built 1954, CHT flag. Reported broken up on page 60 of the September Quarterly Casualty Return, 1972. Since reported previously damaged by fire at Kaohsiung on 15th August, 1971.

CHEN HSING, 3106 tons gross motor cargo ship, built 1951, CHT flag. Reported broken up on page 26 of the June Quarterly Casualty Return, 1972. Since reported previously damaged by fire at Moji on 21st October, 1971.

ADDITIONAL INFORMATION

EPOS, 937 tons gross steam cargo ship, built 1941, GRC flag. Reported broken up in Hong Kong in 1962.

FOOCHOW, 7145 tons gross motor cargo ship, built 1955, SOM flag. Reported broken up in the People's Republic of China in 1976.

FRANCIS SAMUELSON, 140 tons gross steam tug, built 1924, GBI flag. Reported broken up in the United Kingdom in 1972.

GERARD, 194 tons gross motor cargo ship, built 1921, PNG flag. Reported converted for use as an accommodation ship in Papua New Guinea in 1968.

HIMMA, 274 tons gross steam tug, built 1942, PNG flag. Reported scuttled off New South Wales in 1977.

INGUL, 2483 tons gross steam cargo ship, built 1954, USR flag. Reported broken up in Spain in 1977.

ISOLA DI S. PIETRO, 466 tons gross motor cargo ship, built 1918, ITL flag. Reported broken up in Italy in 1975.

ORIENTAL CHARGER, 7481 tons gross steam container ship, built 1945, LIB flag. Reported broken up in the Province of Taiwan in 1976.

PONTOS PRINCESS, 4077 tons gross steam cargo ship, built 1948, PAN flag. Reported broken up in Pakistan in 1976.

PORT JOINVILLE, 142 tons gross motor cargo ship, built 1925, FRA flag. Reported converted for use as a floating bar and dance hall in France in 1970.

REGA, 613 tons gross steam fishing vessel, built 1951, POL flag. Reported converted for use as a floating heating facility in Poland in 1974.

TAIHO MARU, 471 tons gross motor cargo ship, built 1963, JPN flag. Reported broken up in Japan in 1977.

THE PHILIPPINE TOURIST, 4776 tons gross passenger and cargo ship, built 1953, PHI flag. Reported converted for use as a floating casino in the Philippines in 1976.

UGLICH, 2233 tons gross steam cargo ship, built 1952, USR flag. Reported broken up in Japan in 1977.

IMPORTANT.—This advance copy is forwarded on condition that the information contained herein shall not be published or broadcast before Wednesday, 21st November, 1979.

LLOYD'S REGISTER OF SHIPPING

CASUALTY RETURN

STATISTICAL SUMMARY OF MERCHANT
SHIPS TOTALLY LOST, BROKEN UP, Etc.

DURING

1978

For the purpose of Lloyd's Register Casualty Returns, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has subsequently been broken up.

Ships which have been declared constructive total losses but which are undergoing, or have undergone repairs during the year are not included in this Summary, which is based on the quarterly returns of total losses etc. This Summary also includes ships not reported as total losses etc., when those returns were compiled (see pages 100 to 117).

NOTE: *It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Statistical Summary of Casualties for 1978".*

Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS.

71, FENCHURCH STREET, LONDON, EC3M 4BS

September, 1979

LLOYD'S REGISTER CASUALTY RETURNS

(Merchant Ships of 100 tons gross and upwards excluding non-propelled craft)

SUMMARY OF TOTAL LOSSES DURING 1978

Summary. The total number of ships (473) and total tonnage (1,710,813 tons gross) lost by the world fleet during 1978 were both the highest figures ever recorded in peacetime. Tonnage lost in all categories increased substantially compared to figures recorded in the previous year. The largest ship totally lost during the year was the motor tanker "AMOCO CADIZ" of 109,700 tons gross, which was wrecked on the coast of Brittany. This emphasises the effect on the percentage proportion of tonnage lost (almost double that recorded in 1977) of the large numbers of very large ships now at risk in the world fleet.

	1978			1977		
	No.	Tons Gross	%Tons Lost	No.	Tons Gross	%Tons Lost
Foundered	169	258,585	(15.12)	129	197,424	(18.40)
Missing	9	14,734	(0.86)	3	7,969	(0.74)
Burnt	85	586,367	(34.27)	57	477,409	(44.48)
Collision	56	140,306	(8.20)	32	58,041	(5.41)
Wrecked	144	681,798	(39.85)	112	327,360	(30.50)
Lost, etc.	10	29,023	(1.70)	3	4,924	(0.46)
TOTAL	473	1,710,813	(100.00)	336	1,073,127	(100.00)
Broken up, etc.	1,078	10,070,101		914	6,093,071	

Foundered. A record number of ships (169) foundered during 1978. Almost forty-five per cent of these ships were over twenty years old. Tonnage lost increased by 61,161 tons gross to a new record figure of 258,585 tons gross.

The largest ship lost was the barge carrier "MUNCHEN" of 37,134 tons gross, built in 1972, registered in the Federal Republic of Germany.

Missing. Tonnage in this category totalled 14,734 tons gross during the year and included the Greek cargo ship "VITASEA" of 8,920 tons gross, which was last heard of in the Mediterranean.

Burnt. Tonnage totally lost through fire during 1978 increased by 108,958 tons gross from the previous year's record figure of 477,409 tons gross to 586,367 tons gross which is the highest figure ever recorded. Eighty-five ships were lost during the year, twenty-eight more than in 1977, which is also a new record figure. Ten tankers over 10,000 tons gross were lost.

The largest ship lost was the Greek tanker "ANDROS PATRIA" of 99,460 tons gross, built in 1970.

Total losses through fire in 1978 included twenty-seven ships which were in port.

Collision. Tonnage lost through collision increased by 82,265 tons gross from the previous year's figure, to a total of 140,306 tons gross. The number of ships lost increased by twenty-four to a new record total of fifty-six.

The largest ship lost was the Greek tanker "THEOPAES" of 20,621 tons gross, built in 1960.

At least fourteen of the vessels were involved in collision in bad visibility or fog.

Wrecked. Tonnage lost through stranding or striking rocks, sunken wrecks, etc., during 1978 increased by 354,438 tons gross to 681,798 tons gross which is the highest figure ever recorded, being 80,801 tons gross more than the previous record figure of 600,997 tons gross recorded in 1976. The number of ships lost (144) increased by thirty-two.

The largest ship wrecked was the Liberian oil tanker "AMOCO CADIZ" of 109,700 tons gross, built in 1974.

Also in this category was the Norwegian wooden motor cargo ship "VAAGEN" of 135 tons gross, built in 1877, the oldest ship totally lost during the year.

Lost. Under this heading are included total losses which for want of sufficient information, or for other reasons, cannot be classified. The 1978 figure comprises ten ships of 29,023 tons gross.

Distribution. The geographical distribution of the total losses during the year is shown in map form on pages 96 to 99.

Types. The total number of 473 ships lost during 1978 included 28 oil tankers totalling 703,240 tons gross (41 per cent), 13 bulk carriers totalling 186,103 tons gross (11 per cent) and 99 fishing craft. Two hundred and eighty-six general cargo ships were lost. Thirty-nine ships were known to be in ballast.

Size. Forty-seven per cent of the ships lost were under 500 tons gross. The number of ships lost over 10,000 tons gross was thirty-six, of which two ships were over 50,000 tons gross.

Age. Five per cent of all ships lost were less than five years old; 25 per cent were over twenty-five years of age.

Registration. Total losses to the following countries, whose merchant fleets total more than seven million tons gross, are shown as a percentage of their registered tonnage, comparative figures for 1977 are indicated in brackets:—

Greece	2.30	(0.49)
Panama	1.08	(1.02)
Germany, Federal Republic of... ..	0.45	(0.03)
Singapore... ..	0.29	(0.60)
Liberia	0.26	(0.36)
United States of America	0.15	(0.04)
Italy	0.15	(0.01)
Spain	0.11	(0.10)
Japan	0.10	(0.16)
France	0.10	(0.00)
Norway	0.06	(0.32)
United Kingdom	0.04	(0.13)
U.S.S.R. ... ..	...	(0.03)
World	0.42	(0.27)

Other percentage losses by registration shown in Table 1 include:—

Cyprus	3.21	(1.53)
Indonesia... ..	0.92	(1.01)
Philippines	0.86	(0.37)
Korea (South)	0.44	(0.95)
Taiwan, Province of	0.11	(0.65)

A percentage comparison for a number of years can be obtained from Table 5.

Greece suffered the highest number of ships lost (87), and the most tonnage (782,291 tons gross).

BROKEN UP, ETC.

Tonnage broken up during 1978 totalled 10,070,101 tons gross, which is the highest figure ever recorded, being 3,455,450 tons gross more than the previous highest figure of 6,614,651 tons gross recorded in 1976. The number of ships involved (1,078) is 164 more than in 1977 and is the highest number ever recorded.

Tanker tonnage disposed of (6,630,469 tons gross) amounted to nearly 66 per cent of the total tonnage sold for demolition. The average size of tanker broken up was 19,108 tons gross. With tanker spot rates at very depressed levels during the first few months of 1978 there was no shortage of tanker tonnage available for demolition. The demolition of first-generation VLCC's may prove to be the start of a steady flow of these ships to the breakers' yards.

Three hundred and ninety-one general cargo ships were broken up, a decrease of 16 over the previous year's figure. Nearly 66 per cent of these ships were over twenty years old.

Countries sending most tonnage to the breakers were Liberia (3,303,197 tons gross), Greece (1,486,084 tons gross), Panama (1,028,316 tons gross), Japan (726,526 tons gross), United Kingdom (615,989 tons gross) and Norway (562,495 tons gross).

The Province of Taiwan took sixty per cent of all tonnage broken up during the year followed by Spain with just over ten per cent. Increased shares were also recorded for Korea (South) and Pakistan.

The countries which constituted the main centres of disposal as compared with the previous year were as follows:—

	Tons Gross	Tons Gross
Taiwan, Province of	6,042,053	(3,390,789)
Spain	1,053,486	(873,237)
Korea (South)... ..	799,972	(221,238)
Pakistan	642,159	(299,035)

The largest ships broken up during the year were the French tanker "MAGDALA" (105,296 tons gross, built in 1968), the British tanker "MYSIA" (105,248 tons gross, built in 1969) and the Norwegian tanker "DYVI NOVA" (104,611 tons gross, built in 1968).

The oldest ship broken up during the year was the Italian cargo ship "ORIETTA" (161 tons gross) which was built in 1902.

BROKER

Flag	MERCHANT FLEETS AS RECORDED IN STATISTICAL TABLES 1978		Foundered		Missing		Burnt		Collision		Lost, etc.
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
ALGERIA	121	1,152,086	...	...	...	...	...	...	1	1,598	...
ARGENTINA	432	2,000,879	1	188	...	...	...	...	1	215	...
AUSTRALIA	426	1,531,739	...	...	...	...	1	1,616	...	...	...
BAHAMAS	93	84,269	...	...	...	...	...	...	...	...	...
BANGLADESH	141	284,496	1	300	...	...	...	...	...	...	...
BARBADOS	33	4,448	...	...	...	...	1	127	...	...	...
BELGIUM	268	1,684,692	...	...	...	...	...	...	...	...	...
BERMUDA	99	1,814,455	...	...	...	...	...	...	...	...	...
BRAZIL	565	3,701,731	...	...	...	...	...	...	...	...	...
BULGARIA	189	1,082,477	...	...	...	...	1	9,498	...	...	...
BURMA	73	70,848	...	...	...	...	...	...	...	...	...
CANADA	1,289	2,954,499	1	337	...	...	...	...	2	830	...
CAPE VERDE REPUBLIC	15	5,516	1	300	...	...	...	...	...	...	...
CAYMAN ISLANDS	135	169,100	2	2,988	...	...	...	...	...	...	...
CHILE	146	466,319	1	134	...	...	...	...	...	...	...
CHINA, PEOPLE'S REPUBLIC OF	713	5,168,898	...	...	...	...	...	...	...	...	...
TAIWAN, PROVINCE OF	444	1,619,595	6	1,158	...	...	1	305	...	...	...
CYPRUS	793	2,599,529	7	19,587	...	...	9	19,188	3	2,945	...
DENMARK	1,397	5,530,408	8	3,086	...	...	...	...	3	719	...
ECUADOR	59	201,244	1	136	...	...	...	...	...	...	...
EGYPT	205	456,291	...	...	...	...	...	...	...	...	...
FAROE ISLANDS	177	60,939	...	...	...	...	...	...	...	...	...
FINLAND	341	2,358,623	1	206	...	...	1	1,217	...	...	...
FRANCE	1,317	12,197,354	...	...	1	179	...	...	...	...	...
GERMAN DEMOCRATIC REPUBLIC	452	1,539,994	...	...	...	...	...	...	1	1,744	...
GERMANY, FEDERAL REPUBLIC OF	1,999	9,736,667	4	38,420	...	...	1	5,289	...	...	...
GREECE	3,666	33,956,093	18	38,431	2	9,419	26	360,904	9	60,219	...
GUYANA	72	16,733	...	...	...	...	...	...	...	...	...
HONDURAS	70	130,831	3	3,430	...	...	...	...	...	2	18,657
ICELAND	383	175,097	...	...	...	...	1	150	...	...	...
INDIA	591	5,759,224	3	22,383	...	...	1	12,318	1	2,234	...
INDONESIA	1,093	1,272,387	6	11,655	...	...	...	...	...	...	873
IRAN	208	1,194,675	1	182	...	...	...	...	...	...	...
ITALY	1,694	11,491,873	5	2,574	...	...	1	467	1	9,634	...
IVORY COAST	65	156,749	...	...	...	...	...	...	...	...	...
JAPAN	9,321	39,182,079	21	6,245	3	3,304	3	1,694	15	20,030	...
KOREA (SOUTH)	1,148	2,975,389	1	502	1	237	4	6,105	2	1,801	...
KUWAIT	251	2,240,030	...	...	...	...	...	...	...	...	...
LEBANON	189	277,846	1	283	...	...	1	1,137	1	694	...
LIBERIA	2,523	80,191,329	...	...	...	...	3	50,027	...	...	1,797 4,908
LIBYA	75	885,362	...	...	...	...	...	...	...	...	...
MALAYSIA	182	552,456	...	...	...	...	...	...	...	...	...
MALDIVE ISLANDS	41	96,218	...	...	...	...	...	...	...	...	...
MAURITANIA	3	489	1	345	...	...	...	...	...	...	...
MOROCCO	117	341,410	...	...	...	...	...	...	...	...	...
NETHERLANDS	1,238	5,180,392	3	1,330	...	...	1	497	...	...	...
NICARAGUA	30	34,588	...	...	...	...	...	...	...	...	...
NORWAY	2,646	26,128,428	7	6,387	...	...	1	133	2	8,197	157
OMAN	11	5,630	...	...	...	...	...	...	...	...	...
PAKISTAN	80	442,401	...	...	...	...	...	...	...	...	...
PANAMA	3,640	20,748,679	28	67,192	1	1,481	16	69,984	3	7,618	743
PAPUA NEW GUINEA	67	16,718	1	210	...	...	...	...	...	...	...
PERU	686	574,718	...	...	...	...	...	...	...	...	...
PHILIPPINES	577	1,264,995	3	4,414	...	...	1	3,300	2	547	...
POLAND	796	3,490,587	...	...	...	...	...	...	1	103	...
SAUDI ARABIA	154	1,246,112	...	...	...	...	...	...	...	...	...
SEYCHELLES	10	53,646	1	7,920	...	...	...	...	...	...	...
SINGAPORE	954	7,489,205	3	8,090	...	...	...	...	1	8,012	...
SOUTH AFRICA	295	660,735	3	843	...	...	2	539	...	...	...
SPAIN	2,753	8,056,080	3	711	...	...	4	3,313	5	2,031	...
SWEDEN	696	6,508,255	1	2,285	...	...	...	...	...	...	...
SWITZERLAND	27	230,762	...	...	...	...	...	...	...	...	...
THAILAND	117	335,116	...	...	...	...	...	...	...	...	...
TONGA	14	20,663	...	...	...	...	1	460	...	...	...
TURKEY	460	1,358,779	2	748	...	...	...	...	...	...	...
U.S.S.R.	7,991	22,261,927	...	...	...	...	...	...	...	...	...
UNITED ARAB EMIRATES	104	156,479	1	400	...	...	...	...	...	...	...
UNITED KINGDOM	3,359	30,896,606	5	1,095	1	114	1	273	...	...	688
UNITED STATES OF AMERICA	4,746	16,187,636	14	4,090	...	...	2	8,513	2	11,135	...
URUGUAY	48	174,357	...	...	...	...	...	...	...	...	...
VENEZUELA	201	823,543	...	...	...	...	1	29,313	...	...	...
VIETNAM	80	162,585	...	...	...	...	...	...	...	...	1,200
YUGOSLAVIA	468	2,365,630	...	...	...	...	...	...	...	...	...
WORLD TOTAL	69,020	406,001,979	169	258,585	9	14,734	85	586,367	56	140,306	29,023

1978

2A—SIZE & NUMBERS OF SHIPS TOTALLY LOST DURING 1978

How Lost	DIVISIONS OF TONS GROSS											TOTAL
	100 -499	500 -999	1,000 -1,999	2,000 -3,999	4,000 -5,999	6,000 -7,999	8,000 -9,999	10,000 -14,999	15,000 -19,999	20,000 -29,999	30,000 & ABOVE	
FOUNDERED	102	19	20	13	5	5	2	1	...	1	1	169
MISSING	5	...	3	...	...	...	1	...	...	...	...	9
BURNT	19	4	17	9	5	9	8	4	4	2	4	85
COLLISION	29	4	10	2	2	3	2	2	1	1	...	56
WRECKED	64	17	11	14	5	7	11	6	1	2	6	144
LOST, ETC.	3	2	2	...	1	...	2	...	...	...	...	10
TOTAL LOST	222	46	63	38	18	24	26	13	6	6	11	473

SIZE & NUMBERS OF SHIPS BROKEN UP, Etc., DURING 1978

BROKEN UP, ETC.	400	59	39	49	43	103	66	106	31	97	85	1078
-----------------	-----	----	----	----	----	-----	----	-----	----	----	----	------

2B—AGE & NUMBERS OF SHIPS TOTALLY LOST DURING 1978

How Lost	DIVISIONS OF AGE								TOTAL
	UNDER 5 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30 YEARS & OVER		
FOUNDERED	7	29	33	20	27	20	28	169	
MISSING	2	...	3	1	3	...	...	9
BURNT	2	7	13	16	24	16	6	85	
COLLISION	5	15	7	9	8	2	8	56	
WRECKED	8	11	23	30	33	12	23	144	
LOST, ETC.	...	1	...	3	2	...	4	10	
TOTAL LOST*	24	63	79	79	97	50	69	473	

*Excluding twelve cases for which the year of build is not known.

AGE & NUMBERS OF SHIPS BROKEN UP, Etc., DURING 1978

BROKEN UP, ETC.*	1	63	202	278	239	137	157	1078
------------------	---	----	-----	-----	-----	-----	-----	------

*Excluding one case for which the year of build is not known.

3—ANALYSIS OF PRINCIPAL TYPES TOTALLY LOST, BROKEN UP, Etc., DURING 1978

TYPE OF SHIP	How Lost												TOTAL		BROKEN UP, etc.	
	FOUNDERED		MISSING		BURNT		COLLISION		WRECKED		LOST					
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross
TANKERS																
under 1,000 tons	2	582	...	...	...	...	...	...	...	...	...	...	2	582	98	30,740
1,000-9,999 tons	...	...	...	...	1	4,385	2	2,564	...	...	...	...	3	6,949	22	107,087
10,000-19,999 tons	...	...	...	...	4	57,807	1	12,680	4	54,113	...	...	9	124,600	68	913,788
20,000 tons and over	...	...	...	...	6	250,346	1	20,621	7	300,142	...	...	14	571,109	159	5,578,854
ORE/BULK CARRIERS																
under 6,000 tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	13,314
6,000-9,999 tons	...	...	...	...	1	6,945	...	...	2	16,152	...	...	3	23,097	15	115,744
10,000-19,999 tons	1	10,421	...	...	3	46,141	2	26,508	2	22,756	...	...	8	105,826	41	570,525
20,000 tons and over	1	21,635	...	...	...	...	...	...	1	35,545	...	...	2	57,180	12	336,552
ORE/BULK/OIL CARRIERS																
under 20,000 tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	45,809
20,000 tons and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	417,235
GENERAL CARGO																
under 1,000 tons	64	27,425	2	673	7	3,192	10	4,298	44	20,016	3	1,197	130	56,801	154	53,227
1,000-4,999 tons	36	87,125	3	4,611	24	54,038	9	19,834	28	73,369	3	7,905	103	246,882	63	190,789
5,000-6,999 tons	2	12,009	...	...	3	17,470	1	5,414	3	18,854	...	...	9	53,747	57	346,853
7,000-9,999 tons	6	46,764	1	8,920	14	116,281	4	32,708	14	115,662	2	18,657	41	338,992	96	782,921
10,000-12,999 tons	...	...	...	...	1	10,493	...	...	1	12,299	...	...	2	22,792	17	180,256
13,000 tons and over	1	37,134	...	...	...	...	...	...	...	...	...	...	1	37,134	4	60,297
CONTAINER SHIPS																
under 2,000 tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,000 tons and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	86,263
PASSENGER & CARGO & PASSENGER	2	2,528	...	...	...	...	...	...	...	...	...	...	2	2,528	14	84,117
LIQUEFIED GAS CARRIERS	1	965	...	...	2	1,761	1	996	1	991	...	...	5	4,713	...	...
CHEMICAL TANKERS	...	...	...	...	...	...	1	1,354	1	1,599	...	...	2	2,953	7	1,851
FISHING (all types)																
under 500 tons	38	7,468	3	530	11	2,710	17	3,916	23	5,606	1	391	93	20,621	88	21,339
500-999 tons	2	1,025	...	...	...	...	...	...	1	671	...	...	3	1,696	22	15,361
1,000-1,999 tons	...	...	...	...	2	2,885	1	1,496	...	...	...	...	3	4,381	...	...
2,000 tons and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	23,511
TUGS, SALVAGE & SUPPLY	7	1,551	...	...	1	494	3	930	6	1,957	...	...	17	4,932	28	26,222
FERRIES	...	...	...	...	2	7,911	2	6,616	2	928	...	...	6	15,455	13	13,357
DREDGERS & AGGREGATES CARRIERS	3	1,001	...	...	...	...	1	371	3	888	1	873	8	3,133	54	17,220
OTHER TYPES	3	952	...	...	3	3,508	...	...	1	250	...	...	7	4,710	18	36,869
TOTAL	169	258,585	9	14,734	85	586,367	56	140,306	144	681,798	10	29,023	473	1,710,813	1,078	10,070,101

4—ANALYSIS BY AGE OF PRINCIPAL TYPES BROKEN UP, Etc., DURING 1978
(Not consequent upon Casualty)

1978

TYPE OF SHIP	DIVISIONS OF AGE														TOTAL*	
	0-4 YEARS		5-9 YEARS		10-14 YEARS		15-19 YEARS		20-24 YEARS		25-29 YEARS		30 YEARS & OVER			
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross
TANKERS																
under 1,000 tons	...	...	2	607	41	16,421	47	11,749	4	656	1	496	3	811	98	30,740
1,000-9,999 tons	...	...	...	...	...	...	2	3,275	7	47,389	4	23,790	9	32,633	22	107,087
10,000-19,999 tons	...	...	...	...	...	...	18	246,468	37	500,437	9	123,256	4	43,627	68	913,788
20,000 tons and over	...	...	2	204,328	46	2,222,959	66	2,005,796	45	1,145,771	...	...	...	...	159	5,578,854
ORE/BULK CARRIERS																
under 6,000 tons	...	...	...	...	...	...	...	...	1	5,407	4	7,907	...	...	5	13,314
6,000-9,999 tons	...	...	...	...	...	...	4	33,231	4	30,722	1	6,752	6	45,039	15	115,744
10,000-19,999 tons	...	...	...	...	...	...	13	173,172	7	86,290	11	175,086	10	135,977	41	570,525
20,000 tons and over	...	...	...	...	4	128,177	7	186,817	1	21,558	...	...	...	...	12	336,552
ORE/BULK/OIL CARRIERS																
under 20,000 tons	...	...	...	...	...	...	1	18,889	1	17,944	...	...	1	8,976	3	45,809
20,000 tons and over	...	...	...	...	3	115,914	4	191,983	3	109,338	...	...	...	...	10	417,235
GENERAL CARGO																
under 1,000 tons	...	...	7	1,827	48	16,857	66	21,835	14	4,883	6	2,652	12	5,024	153	53,078
1,000-4,999 tons	...	...	...	...	...	...	5	12,860	7	18,733	23	80,064	28	79,132	63	190,789
5,000-6,999 tons	...	...	...	...	1	6,555	1	6,872	15	93,426	25	151,692	15	88,308	57	346,853
7,000-9,999 tons	...	...	...	...	...	...	3	24,298	42	357,984	37	292,634	14	108,005	96	782,921
10,000-12,999 tons	...	...	...	...	...	...	1	12,858	16	167,398	...	...	...	...	17	180,256
13,000 tons and over	...	...	...	...	...	...	1	13,707	2	31,637	1	14,953	...	...	4	60,297
CONTAINER SHIPS																
under 2,000 tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,000 tons and over	...	...	...	...	...	...	...	...	...	...	...	...	8	86,263	8	86,263
PASSENGER & CARGO & PASSENGER																
...	...	...	...	...	...	...	...	...	3	19,804	2	13,986	9	50,327	14	84,117
LIQUEFIED GAS CARRIERS																
...
CHEMICAL TANKERS																
...	...	...	...	...	4	977	2	395	1	479	...	...	...	...	7	1,851
FISHING (all types)																
under 500 tons	1	403	38	8,523	23	5,482	17	4,513	8	2,253	...	...	1	165	88	21,339
500-999 tons	...	...	...	...	...	...	8	5,831	13	8,848	1	682	...	...	22	15,361
1,000-1,999 tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,000 tons and over	...	...	...	...	...	...	...	...	...	...	1	13,098	1	10,413	2	23,511
TUGS, SALVAGE & SUPPLY																
...	...	...	2	351	1	130	...	...	1	8,460	1	533	23	16,748	28	26,222
FERRIES																
...	...	...	1	176	2	835	3	817	...	...	2	2,418	5	9,111	13	13,357
DREDGERS																
...	...	...	11	3,642	28	5,711	8	1,694	3	3,307	1	618	3	2,248	54	17,220
OTHER TYPES																
...	...	...	...	...	1	4,269	1	106	4	2,314	7	2,158	5	28,022	18	36,869
TOTAL*	1	403	63	219,454	202	2,524,287	278	2,977,166	239	2,685,038	137	912,775	157	750,829	1,078	10,070,101

*Excluding one case for which the year of build is not known.

5—STEAMSHIPS AND MOTORSHIPS TOTALLY LOST THROUGH CASUALTY 1972—1978

FLAG	1972			1973			1974			1975			1976			1977			1978		
	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent
ARGENTINA	...	...	...	1	111	0.01	1	617	0.04	2	6,646	0.46	...	...	...	...	...	...	3	2,527	0.13
AUSTRALIA	5	2,077	0.18	2	424	0.04	3	456	0.04	4	7,693	0.64	1	119	0.01	1	286	0.02	1	1,616	0.11
BELGIUM	1	118	0.01	1	3,701	0.32	1	418	0.03	2	236	0.02	...	...	...	...	...	...	...	...	...
BRAZIL	2	5,228	0.28	...	...	...	1	4,616	0.19	...	...	...	1	1,996	0.06	...	...	...	...	...	...
CANADA	15	13,095	0.55	7	2,618	0.11	9	22,898	0.93	5	1,146	0.05	9	3,758	0.14	4	9,524	0.34	3	1,167	0.04
CYPRUS	11	24,628	1.22	26	106,819	3.64	18	52,069	1.53	8	29,873	0.93	19	78,217	2.51	20	42,736	1.53	31	83,473	3.21
DENMARK	6	1,952	0.05	6	1,730	0.04	6	3,904	0.09	8	50,986	1.14	6	1,671	0.03	3	1,016	0.02	12	4,004	0.07
FINLAND	1	1,482	0.09	3	4,519	0.29	1	477	0.03	...	...	...	...	...	...	1	11,321	0.50	2	1,423	0.06
FRANCE	7	1,191	0.02	4	9,522	0.11	4	2,456	0.03	2	3,718	0.04	4	864	0.01	2	486	0.00	3	12,651	0.10
GERMAN DEMOCRATIC REPUBLIC	...	...	...	...	...	...	...	...	...	...	...	...	2	8,261	0.57	1	2,547	0.17	1	1,744	0.11
GERMANY, FEDERAL REPUBLIC OF	14	9,411	0.11	9	3,913	0.05	8	24,228	0.30	8	7,199	0.09	8	4,303	0.05	7	2,516	0.03	6	44,131	0.45
GREECE	15	119,495	0.78	30	79,935	0.41	19	119,282	0.55	18	146,152	0.65	23	127,103	0.51	25	144,569	0.49	87	782,291	2.30
HONG KONG	...	...	...	...	...	...	1	1,401	0.52	...	...	...	...	...	...	...	...	...	...	...	...
INDIA	4	6,881	0.26	4	16,323	0.57	...	...	...	1	1,348	0.04	2	10,979	0.22	4	10,620	0.19	7	38,308	0.67
ITALY	9	23,088	0.28	15	38,865	0.44	4	74,062	0.79	1	6,278	0.06	5	5,456	0.05	3	1,388	0.01	11	17,211	0.15
JAPAN	75	37,231	0.11	44	18,649	0.05	47	77,623	0.20	55	66,641	0.17	52	80,617	0.19	36	63,862	0.16	57	39,011	0.10
KOREA (SOUTH)	11	85,885	8.12	8	5,928	0.54	13	10,448	0.85	15	8,431	0.52	10	11,712	0.65	17	23,585	0.95	17	13,032	0.44
LIBERIA	20	202,184	0.45	17	281,931	0.56	10	105,357	0.19	16	249,125	0.38	17	352,771	0.48	12	291,626	0.36	8	205,550	0.26
NETHERLANDS	6	1,620	0.03	8	3,626	0.07	1	171	0.00	4	1,803	0.03	7	2,730	0.05	1	1,271	0.02	6	4,145	0.08
NORWAY	17	5,245	0.02	14	30,900	0.13	13	52,288	0.21	14	6,219	0.02	13	10,662	0.04	17	88,185	0.32	17	16,763	0.06
PANAMA	26	91,989	1.18	17	35,421	0.37	28	107,885	0.96	42	154,353	1.13	50	217,157	1.39	54	198,910	1.02	62	223,867	1.08
PHILIPPINES	3	5,504	0.60	8	69,813	7.37	4	4,587	0.60	6	13,996	1.59	3	13,912	1.37	3	4,270	0.37	11	10,935	0.86
POLAND	...	...	...	1	3,811	0.18	4	3,128	0.14	1	648	0.02	...	...	...	...	...	...	1	103	0.00
PORTUGAL	1	677	0.07	7	8,836	0.69	6	7,405	0.60	...	...	...	...	...	...	2	6,275	0.49	...	...	...
SINGAPORE	2	5,091	0.58	5	15,931	0.79	7	40,802	1.42	4	34,348	0.88	4	19,447	0.35	8	40,560	0.60	6	21,754	0.29
SOMALI REPUBLIC	5	21,012	2.41	4	27,322	1.69	2	12,191	0.64	1	4,607	0.25	...	...	...	...	...	...	...	...	...
SPAIN	17	17,244	0.40	16	21,940	0.45	11	3,998	0.08	23	9,377	0.17	19	71,422	1.18	18	7,312	0.10	17	8,824	0.11
SWEDEN	5	3,141	0.06	3	2,662	0.05	2	448	0.01	4	5,295	0.07	1	1,275	0.02	1	2,999	0.04	1	2,285	0.04
TURKEY	...	...	...	1	182	0.02	...	...	...	...	...	...	1	11,547	1.07	1	149	0.01	3	1,875	0.14
U.S.S.R.	1	9,882	0.06	2	3,837	0.02	3	18,566	0.10	3	11,688	0.06	3	9,500	0.05	1	5,626	0.03	...	...	...
UNITED KINGDOM	8	16,481	0.06	19	36,631	0.12	15	25,672	0.08	19	62,739	0.19	9	4,138	0.01	15	40,321	0.13	16	11,447	0.04
UNITED STATES OF AMERICA	9	19,718	0.13	21	30,940	0.21	16	40,470	0.28	11	16,463	0.11	11	20,402	0.14	20	6,045	0.04	21	24,394	0.15
YUGOSLAVIA	1	2,666	0.17	...	...	...	1	2,092	0.12	...	...	...	...	...	2	5,247	0.23	2	4,333	0.18	
OTHER COUNTRIES	74	215,120	...	60	53,014	...	52	49,643	...	59	88,253	...	65	86,090	...	57	59,875	...	61	131,949	...
WORLD TOTAL	371	949,336	0.35	363	919,854	0.32	311	869,658	0.28	336	995,261	0.29	345	1,156,109	0.31	336	1,073,127	0.27	473	1,710,813	0.42

N.B.—Cases of breaking up, condemnation, &c., not known to be consequent on stress of weather, &c., are excluded from the Table. Figures as published in Annual Summaries.

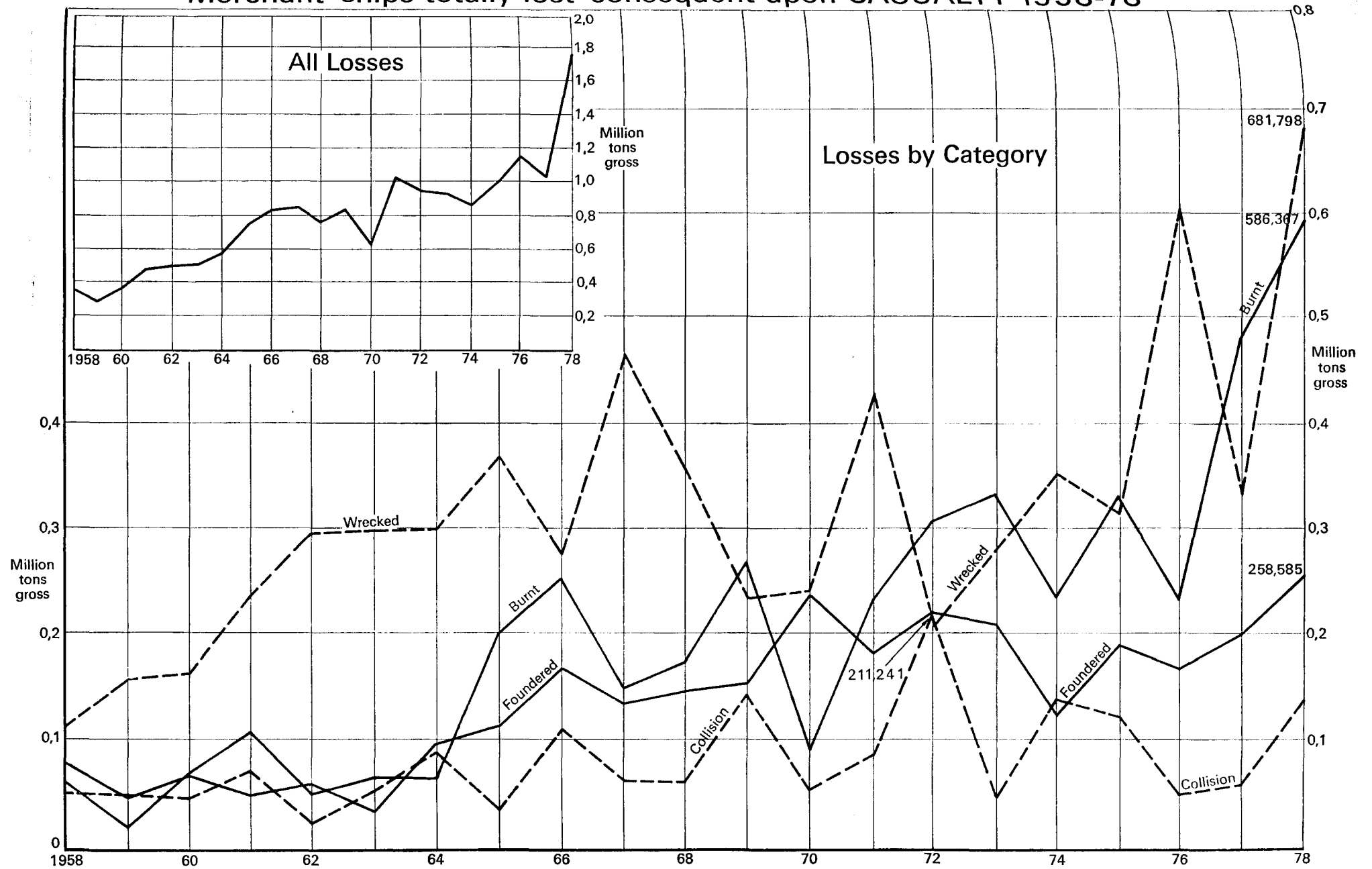
6—STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.
(Not consequent upon casualty) 1972—1978

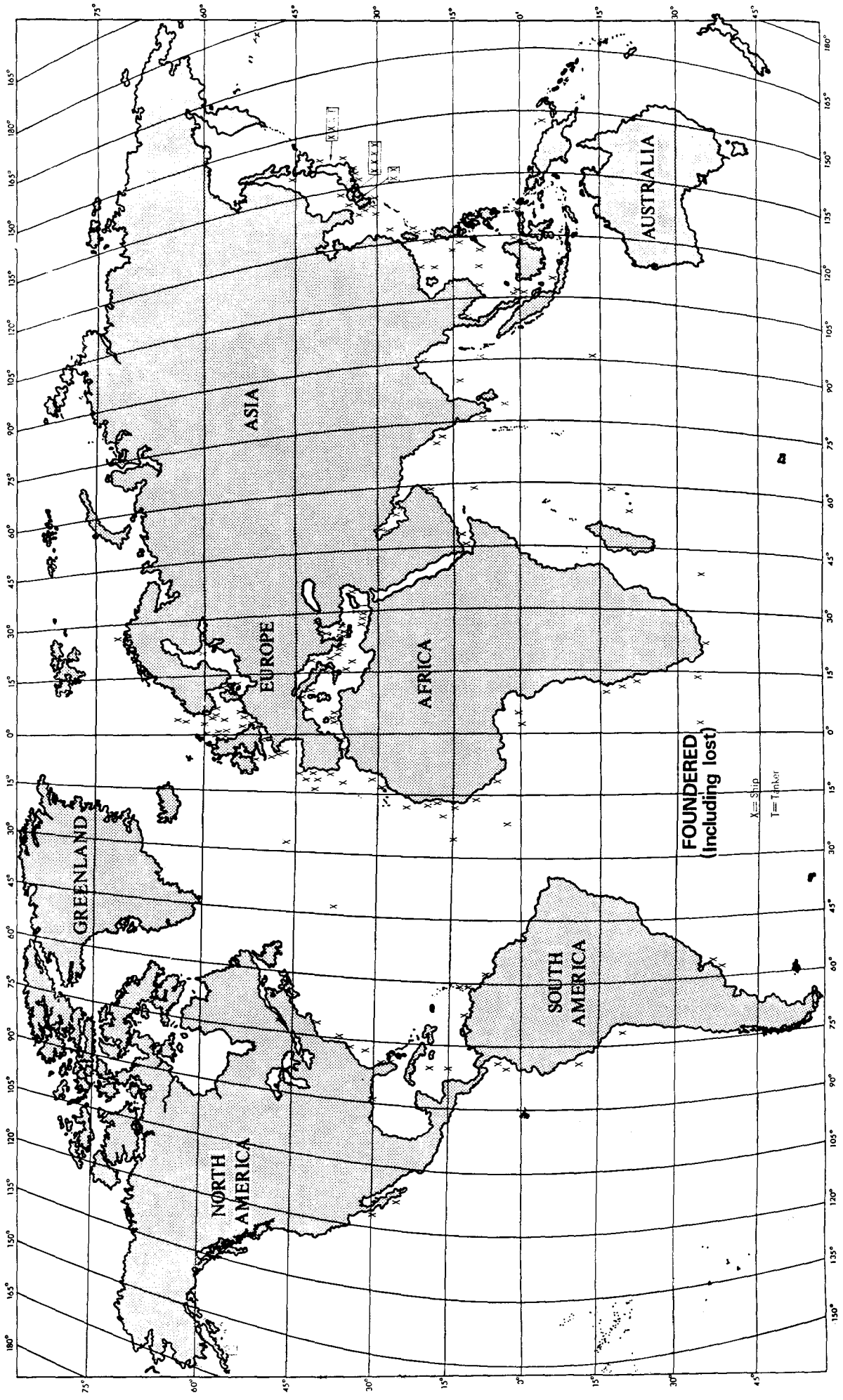
FLAG	1972			1973			1974			1975			1976			1977			1978		
	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent
ARGENTINA	4	30,717	2.19	12	43,427	2.99	1	3,491	0.25	1	7,692	0.53	4	14,392	0.98	2	18,656	1.11	4	25,257	1.26
AUSTRALIA	4	20,205	1.71	1	9,493	0.82	2	867	0.07	1	4,075	0.34	2	9,900	0.79	...	...	...	2	28,076	1.83
BELGIUM	1	12,615	1.06	2	10,656	0.92	...	...	...	1	31,489	2.32	1	12,539	0.84	8	1,054	0.07	4	77,074	4.57
BRAZIL	3	31,457	1.67	5	19,597	0.93	3	4,822	0.20	...	...	...	...	...	...	3	12,157	0.37	1	30,379	0.82
CANADA	9	15,559	0.65	11	18,743	0.77	9	15,147	0.62	5	18,448	0.72	2	14,089	0.53	2	2,967	0.11	6	28,162	0.95
CYPRUS	41	263,211	13.06	30	156,367	5.33	31	233,107	6.87	7	75,884	2.36	12	144,130	4.63	9	92,016	3.30	35	212,090	8.16
DENMARK	2	531	0.01	3	8,377	0.20	11	8,684	0.19	4	4,120	0.09	...	...	...	2	403	0.01	3	35,867	0.65
FINLAND	4	12,863	0.79	3	13,702	0.89	4	14,126	0.94	8	41,033	2.05	6	54,246	2.56	1	888	0.04	1	12,303	0.52
FRANCE	8	23,665	0.32	29	91,027	1.10	10	10,168	0.12	11	186,949	1.74	15	238,843	2.12	4	104,537	0.90	15	380,473	3.12
GERMAN DEMOCRATIC REPUBLIC	...	...	...	...	...	...	...	...	...	...	...	...	1	11,321	0.79	2	3,218	0.22	2	22,428	1.46
GERMANY, FEDERAL REPUBLIC OF	22	37,713	0.44	17	23,418	0.30	16	7,930	0.10	6	56,297	0.66	6	178,886	1.93	4	32,901	0.34	9	139,469	1.43
GREECE	51	222,229	1.45	63	300,963	1.56	68	370,070	1.70	29	356,510	1.58	40	605,025	2.42	32	477,728	1.62	103	1,486,084	4.38
HONG KONG	2	7,606	1.66	...	...	...	6	24,371	9.03	...	...	...	...	...	...	...	...	...	...	...	...
INDIA	7	39,669	1.50	8	38,144	1.32	5	27,963	0.80	1	9,874	0.26	7	46,584	0.91	9	63,107	1.15	2	12,578	0.22
ITALY	31	178,830	2.18	8	17,893	0.20	42	146,916	1.58	23	105,566	1.04	19	348,391	3.15	22	264,705	2.38	25	185,459	1.61
JAPAN	100	73,372	0.21	156	80,594	0.22	163	112,223	0.29	173	166,416	0.42	258	362,287	0.87	458	552,002	1.38	421	726,526	1.85
KOREA (SOUTH)	5	36,669	3.47	...	...	...	2	5,901	0.48	...	...	...	2	9,972	0.56	...	...	...	...	...	...
LIBERIA	57	539,820	1.21	41	439,006	0.88	43	461,720	0.83	92	1,575,744	2.39	92	1,932,451	2.63	102	2,223,355	2.78	137	3,303,197	4.12
NETHERLANDS	37	96,949	1.95	20	13,431	0.27	10	40,057	0.73	8	93,807	1.65	11	79,394	1.34	7	64,275	1.21	11	222,453	4.29
NORWAY	9	15,528	0.07	11	22,525	0.10	5	7,041	0.03	7	64,083	0.25	3	27,604	0.10	4	114,104	0.41	16	562,495	2.15
PANAMA	79	500,925	6.43	63	429,897	4.49	55	445,401	4.04	43	544,988	3.99	42	528,142	3.38	72	861,264	4.43	99	1,028,316	4.96
PHILIPPINES	9	63,407	6.86	9	38,111	4.02	6	40,084	5.23	3	16,203	1.84	2	38,497	3.78	3	14,093	1.23	1	8,556	0.68
POLAND	10	47,642	2.37	4	22,936	1.11	1	614	0.03	5	4,976	0.18	3	11,081	0.34	...	...	...	17	27,089	0.78
PORTUGAL	3	20,726	2.02	15	85,893	6.75	10	85,567	6.88	1	425	0.04	1	11,153	0.95	1	23,306	1.82	...	...	...
SINGAPORE	3	17,331	1.99	11	66,793	3.33	9	52,369	1.82	3	15,922	0.41	1	6,159	0.11	9	72,836	1.07	15	111,914	1.49
SOMALI REPUBLIC	12	66,495	7.62	6	52,835	3.28	5	28,201	1.47	4	25,626	1.41	5	51,260	2.86	1	7,464	4.72	...	...	...
SPAIN	9	29,127	0.68	23	79,612	1.65	15	26,542	0.54	6	40,680	0.75	15	70,846	1.18	12	52,142	0.73	7	35,692	0.44
SWEDEN	5	18,117	0.32	4	5,894	0.10	1	218	0.00	...	...	...	2	55,862	0.70	1	2,805	0.04	2	24,480	0.38
TURKEY	2	14,702	1.98	1	7,151	0.94	...	...	...	...	...	...	2	11,807	1.09	6	37,290	2.89	...	...	...
U.S.S.R.	9	37,558	0.22	9	40,377	0.23	11	18,695	0.10	5	29,620	0.15	4	24,856	0.12	19	70,630	0.33	13	53,495	0.24
UNITED KINGDOM	114	810,971	2.83	53	308,851	1.02	42	153,558	0.49	99	1,101,737	3.32	97	1,093,282	3.32	44	309,794	0.98	50	615,989	1.99
UNITED STATES OF AMERICA	202	1,432,146	9.53	141	977,254	6.55	61	434,272	3.01	37	283,429	1.94	42	338,642	2.27	26	198,229	1.30	26	162,912	1.01
YUGOSLAVIA	9	44,576	2.81	5	4,714	0.28	6	1,024	0.06	1	7,233	0.39	...	...	...	1	142	0.01	1	376	0.02
OTHER COUNTRIES	54	231,217	...	48	150,610	...	43	178,344	...	42	208,439	...	37	283,010	...	48	415,003	...	50	510,912	...
WORLD TOTAL	917	4,994,148	1.86	812	3,578,291	1.23	696	2,959,493	0.95	626	5,077,265	1.48	734	6,614,651	1.78	914	6,093,071	1.55	1,078	10,070,101	2.48

N.B.—Figures as published in Annual Summaries.

Merchant ships totally lost ...

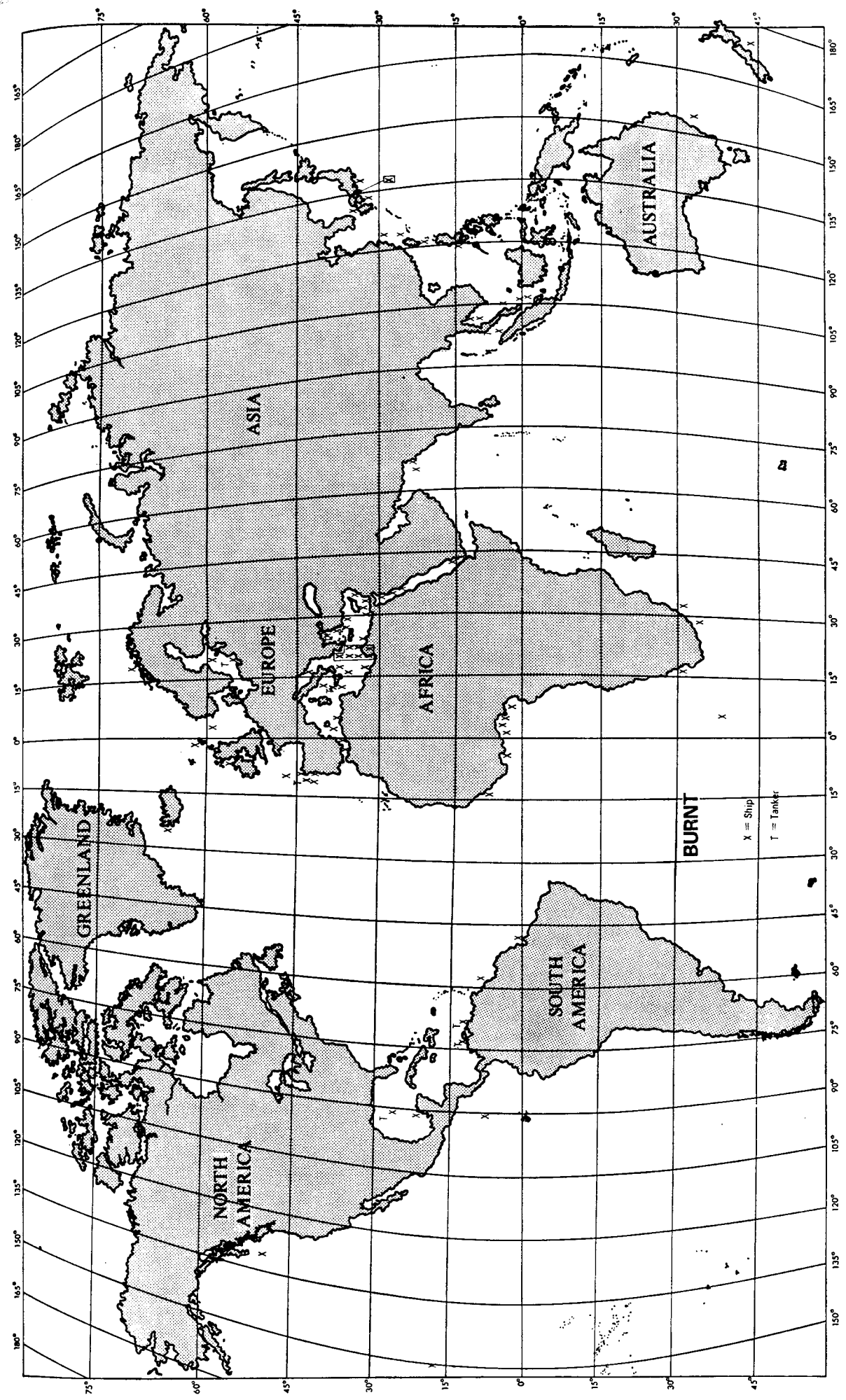
Merchant ships totally lost consequent upon CASUALTY 1958-78

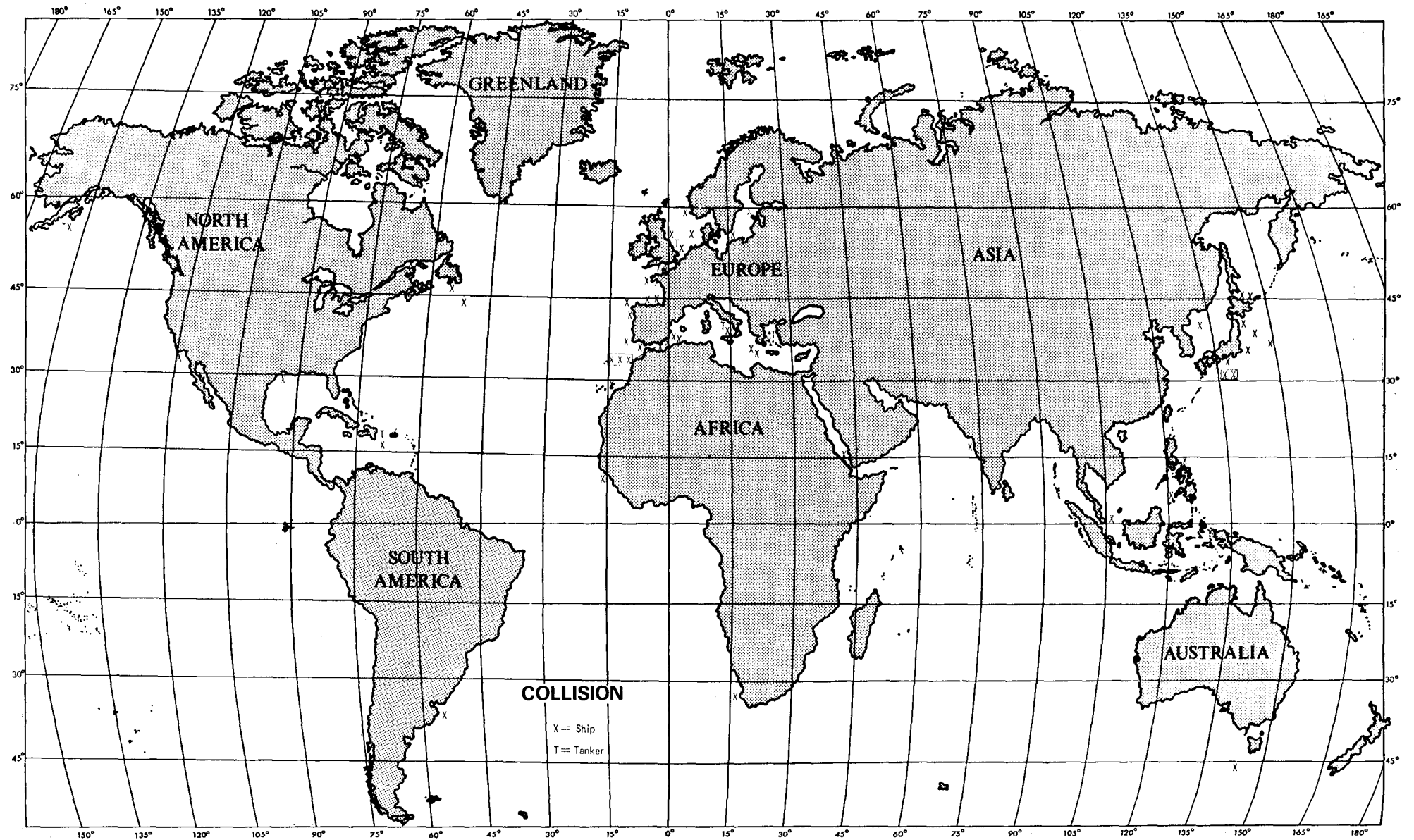


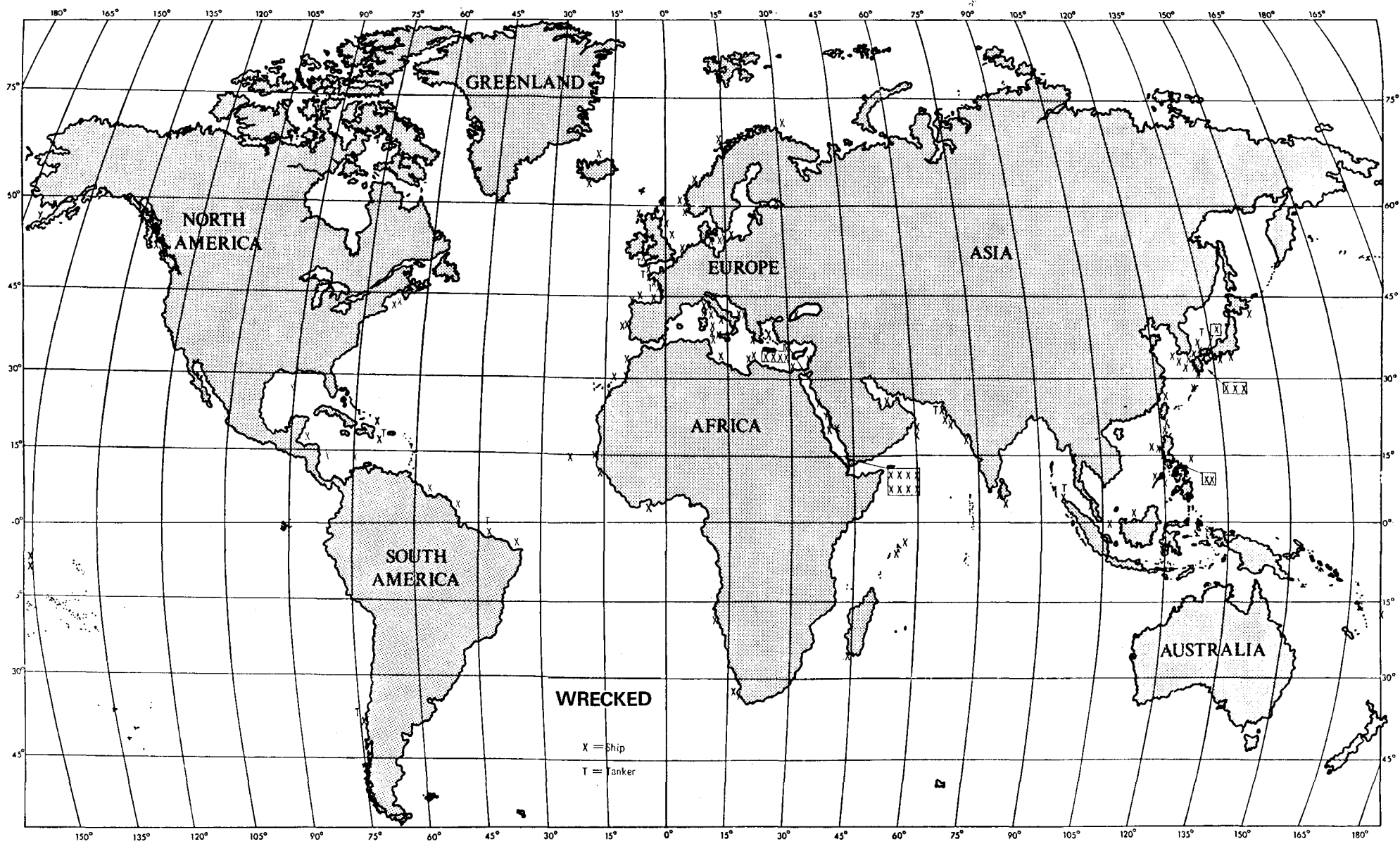


FOUNDERED
(including lost)

X = Ship
T = Tanker







SUPPLEMENT TO QUARTERLY RETURNS

STEAMSHIPS AND MOTORSHIPS

(Listed in alphabetical order of ship name, excluding ships of less than 100 tons gross)

DETAILS OF CASUALTIES NOT PREVIOUSLY INCLUDED

EXPLANATIONS OF CONTRACTIONS

FLAG

ALB = Albania	ETH = Ethiopia	JPN = Japan	SAF = South Africa
ALG = Algeria	FAR = Faroe Islands	KEN = Kenya	SAU = Saudi Arabia
ARG = Argentina	FIJ = Fiji	KMP = Kampuchea	SEN = Senegal
AST = Australia	FIN = Finland	KRS = Korea (South)	SIE = Sierra Leone
AUS = Austria	FRA = France	KUW = Kuwait	SLI = Solomon Islands
BAH = Bahamas	GAB = Gabon	LBY = Libya	SNG = Singapore
BBD = Barbados	GAM = Gambia	LEB = Lebanon	SOM = Somali Republic
BDI = Burundi	GBI = United Kingdom	LIB = Liberia	SPN = Spain
BER = Bermuda	GDR = German Democratic Republic	MAL = Malaysia	SRI = Sri Lanka
BLG = Belgium	GFR = Germany, Federal Republic of	MAU = Mauritania	STV = St. Vincent
BLZ = Belize		MDV = Maldives Islands	SUD = Sudan
BMA = Burma		MEX = Mexico	SWD = Sweden
BNG = Bangladesh	GHA = Ghana	MGY = Madagascar	SWZ = Switzerland
BRN = Bahrain	GIB = Gibraltar	MON = Monaco	SYR = Syria
BRZ = Brazil	GRC = Greece	MOR = Morocco	TAN = Tanzania
BUL = Bulgaria	GRE = Grenada	MTA = Malta	THA = Thailand
BVI = British Virgin Islands	GUA = Guatemala	NHB = New Hebrides	TON = Tonga
CAN = Canada	GUI = Guinea	NIC = Nicaragua	TRI = Trinidad & Tobago
CAY = Cayman Islands	GUY = Guyana	NIG = Nigeria	TRK = Turkey
CHL = Chile	HAI = Haiti	NOR = Norway	TUN = Tunisia
CHR = China, People's Rep. of	HKG = Hong Kong	NTH = Netherlands	UAE = United Arab Emirates
CHT = Taiwan, Province of	HON = Honduras	NZL = New Zealand	URG = Uruguay
CMN = Cameroon	HUN = Hungary	OMN = Oman	USA = United States of America
COL = Colombia	ICL = Iceland	PAK = Pakistan	USR = U.S.S.R.
CON = Congo	IDA = Indonesia	PAN = Panama	VEN = Venezuela
COS = Costa Rica	IND = India	PAR = Paraguay	VNM = Vietnam
CUB = Cuba	IRN = Iran	PER = Peru	YAR = Yemen Arab Republic
CYP = Cyprus	IRP = Irish Republic	PHI = Philippines	YPR = Yemen, People's Dem. Rep. of
CZE = Czechoslovakia	IRQ = Iraq	PNG = Papua New Guinea	YUG = Yugoslavia
DEN = Denmark	ISR = Israel	POL = Poland	ZAI = Zaire
DOM = Dominican Republic	ITL = Italy	PTG = Portugal	
ECU = Ecuador	IVC = Ivory Coast	QAT = Qatar	
EGY = Egypt	JAM = Jamaica	RCV = Cape Verde Republic	
ELS = El Salvador	JOR = Jordan	RUM = Romania	

DESCRIPTION

c = Composite	irn = Iron	s. = Steamship
f = Ferro-concrete	m. = Motorship	(T) = Oil Tanker
gt = Gas Turbine	rp = Reinforced plastic	w = Wood

N.B.—Unless otherwise stated, all steamships and motorships were of steel construction

Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
BAARING VIG... 1974	102	DEN	w.m. fishing	... ..	...	In the North Sea.	6th May
CHOYU MARU No. 5 1963	132	JPN	m. cargo	... ..	...	Off Kamiokogawa-cho, Amakusa, Kumamoto.	8th Sept.
DANA SUE ... 1972	106	USA	w.m. fishing	... ..	...	In approximately lat. 25 54 15N., long. 80 03 00W.	21st Feb.
DON CARLOS GOTHONG 1949	2918	PHI	m. cargo	At Cebu	...	Capsized in Cebu harbour.	12th Oct.
GLACIER KING ... 1942	252	USA	w.m. fishing	... ..	...	Sprang leak and sank off Kodiak Island, Alaska, in approximately lat. 57 56N., long. 158 23W., in heavy weather.	13th Aug.

Continued

Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
JAYAWANG ... 1935	1352	HON	m. cargo	Bangkok— Lugait Mindanao	Gypsum	In Bangkok harbour approaches in lat. 13 22 50N., long. 100 35 12E.	23rd July
KAPTAN ISMAIL HAKKI 1969	498	TRK	m. cargo	Izmir— Marseilles	Zinc oxide	Off Cape Maleas in approximately lat. 36 26 10N., long. 23 08 35E., in heavy weather.	29th Jan.
KEIZAN MARU ... 1971	432	JPN	m. cargo	... ..	...	At entrance to Kamaishi Bay.	3rd Apr.
KIRVIK ... 1964	138	DEN	m. trawler	... ..	...	In lat. 59 03N., long. 05 20E., after developing list.	16th Sept.
KIS OLE ... 1926	200	GBI	m. cargo	At Port of Spain	...	At Port of Spain in heavy weather; subsequently raised and scuttled.	16th Aug.
LE LIBERTAIRE ... 1946	337	CAN	w.m. cargo	At Quebec	...	At Quebec.	28th Dec.
LOBSTA 1 ... 1972	105	USA	m. fishing	... ..	...	Capsized E. of Long Island in lat. 40 29N., long. 71 16W., on 23rd September and last sighted in lat. 40 27 57N., long. 71 16 06W., and presumed to have foundered.	3rd Oct.
MAR DOCE ... 1962	348	SPN	m. trawler	... ..	...	Off Cabot Estay, near Cies Islands, in heavy weather.	16th Mar.
MARGARET SMITH ... 1943	309	GBI	m. suction dredger	Southampton— Solent	Gravel	Capsized and sank off East Gurnard Lightbuoy, off Cowes, in lat. 50 42 97N., long. 01 28 08W.	28th June
NADER ... 1956	182	IRN	m. tug	... ..	...	Off Kharg Island in lat. 29 11 30N., long. 50 20 00E.	4th Dec.
OCEAN STAR ... 1957	400	UAE	m. cargo	At Bombay	Onions	While loading cargo at Bombay; subsequently refloated and sold for breaking up.	6th Dec.
PALMETTA ... 1957	386	PAN	m. cargo	... ..	...	8 miles S.E. of Cat Island, Bahamas.	18th Sept.
PANAGIA IMBROU ... 1957	500	GRC	m. cargo	Nea Karvali— Paros Island & Crete	Bagged fertiliser	At Kavalla after developing list.	13th Feb.
SALWA M ... 1956	283	LEB	m. tanker	At Alexandria	Molasses	Capsized in Alexandria harbour after developing list; subsequently refloated, bottom up, and towed outside harbour to lat. 31 10 00N., long. 29 51 00E.	25th Feb.
SAND TRANS ... 1965	493	DEN	m. suction dredger	Bay of Fakse— Rodby	Stone	Sustained steering failure S.E. of Gedser in lat. 54 25 18N., long. 12 10 30E., in heavy weather on 15th September; subsequently sank in lat. 54 24 52N., long. 12 24 49E.	16th Sept.
SANPUKU MARU ... 1966	196	JPN	m. cargo	... ..	...	Off Chiringashima, Ibusuki, Kagoshima Pref.	17th Feb.
SEISO MARU ... 1974	199	JPN	m. cargo	... ..	...	Off Katsuura, Chiba Pref., in heavy weather.	12th Nov.
SHINSEI MARU No. 26 1968	496	JPN	m. cargo	... ..	...	Off Iojima, Nishisonoki-gun, Nagasaki Pref.	26th Jan.
SIMSON ... 1915	206	FIN	s. tug/ icebreaker	... ..	...	S. of Uto Island.	20th Sept.
SINAR ABADI ... 1970	695	IDA	m. passenger & cargo	... ..	...	In the Celebes Sea in lat. 02 15N., long. 118 49E., after engine room flooded.	9th Oct.
TATVAN ... 1937	250	TRK	m. cargo	Poolima— Istanbul	Gravel	Off Karaburun Point, Turkish European Black Sea coast, after cargo shifted in heavy weather.	23rd Oct.

Continued

Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
TEMO 1950	493	ITL	m. cargo	Sant Antioco— Marina di Carrara	Barytes	6 miles off Pointe d'Arco, S. of Bastia, Corsica, in approximately lat. 42 29N., long. 09 42E., after developing list in heavy weather.	15th Dec.
ZINNIA 1952	7714	CYP	m. cargo	At Puerto Cabello	...	At Puerto Cabello due to holds and engine room flooding while under repair.	9th June

Missing

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
KYOWA MARU ... 1965	174	JPN	m. cargo	... ..	...	Sailed from Intsuji Port on 24th January and not since heard of.	...

Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AGHIOS NICOLAOS... 1960	17159	GRC	m. bulk carrier	Narvik—Poland	Iron ore	Extensively damaged by fire in engine room W. of Stavanger in lat. 59 05N., long. 04 14E; subsequently towed to Stavanger and thence to Santander, sold and broken up.	23rd Dec.
ANDROS PATRIA ... 1970	99460	GRC	s. tanker	Kharg Island— Europoort	Crude oil	Damaged by explosion and fire in lat. 43 31N., long. 09 37W., in heavy weather after developing crack in hull; subsequently towed to Lisbon and thence to Barcelona, sold and broken up.	31st Dec.
BACHO KIRO 1960	9498	BUL	m. cargo	Tartous—Varna	...	Extensively damaged by fire in the Sea of Marmara and taken to Varna; to be broken up.	4th Nov.
BRISTOL 1957	1095	CYP	m. cargo	Novorossisk— Hodeida	Timber	Caught fire in engine room off Marmara Island; towed to Saraylar and beached in lat. 40 40N., long. 27 31E; subsequently capsized.	28th Jan.
CASTELA 1959	8129	PAN	m. cargo	Trieste—Assab	General	Extensively damaged by fire at Assab; subsequently towed to Split, sold and broken up.	25th Sept.
DAPO SKY 1961	16664	GRC	m. ore carrier	Glasgow— Puerto Ordaz	Ballast	Extensively damaged by fire in engine room at Tail of the Bank; subsequently towed to Greenock, thence to Glasgow and Faslane, sold and broken up.	22nd Aug.
DOMINION TRADER 1958	1999	CYP	m. cargo	...—Lattakia	Steel & sugar	Extensively damaged by fire at Sidon; subsequently stranded in heavy weather.	16th Nov.

Continued

Burnt—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date	
GLORY 11 1944	1292	CYP	m. cargo	Novorissisk— Tripoli, Libya	Timber	Extensively damaged by fire 6 miles off Kastellorizon Island, E. of Rhodes and towed to Kekova Island.	10th Feb.	
HEXHAM BANK ... 1953	1616	AST	m. cargo	Sydney— Shellharbour	Ballast	Damaged by explosion and fire in engine room off Shellharbour, 20 miles S.E. of Port Kembla; subsequently towed to Sydney and thence to Manila and converted for use as a non-propelled barge.	21st June	
JOINT VENTURE ... 1951	7066	CYP	m. cargo	Antwerp— Port Harcourt	General	Caught fire in engine room at Augusta and beached; subsequently refloated, towed to Trieste and thence to Split and sold for breaking up.	1st Aug.	
KRONOS 11 1949	5289	GFR	m. cargo	... ..	...	Caught fire 13 miles W. of Karachi; subsequently towed to Gadani Beach, sold and broken up.	11th May
LUCCIA 1957	499	CYP	m. cargo	Aegean— Thessaloniki	...	Extensively damaged by fire in engine room after transiting Corinth Canal and towed to Eleusis; subsequently reported in use as a storage barge.	18th Mar.	
MAKEDONIA 1958	8179	GRC	m. cargo	Romania—Warri	Cement	Burnt out at Warri.	13th Apr.	
MAKO 1966	253	PAN	m. cargo	At Puerto Andraitx	...	Caught fire and sank at Puerto Andraitx, Majorca.	28th June	
MARA 1958	29313	VEN	s. tanker	... ..	Fuel oil	Damaged by explosion and subsequent flooding of engine room 8 miles off Willemstad, Curacao; subsequently towed to Curacao and thence to Punta Cardon; to be broken up.	12th Nov.
MARI 1954	4684	CYP	m. cargo	Rijeka— Alexandria	Timber	Caught fire and stranded off Dugi Otok Island in lat. 44 05 48N., long. 14 55 36E; subsequently refloated, towed to Solin and thence to Split; to be broken up.	8th July	
MATINA... .. 1959	8270	GRC	m. cargo	At Aqaba	Maize	Extensively damaged by fire at Aqaba; subsequently towed to Karachi, sold and broken up.	10th May	
MYOJIN MARU No. 78	1969	284	JPN	m. fishing	Caught fire and sank in lat. 06 13 30N., long. 105 44 20W.	29th June
NORDLORE 1948	2463	GRC	m. cargo	At Piræus	...	Damaged by fire while undergoing repairs at Piræus; subsequently broken up.	1st June	
OMIRIS 1955	2907	GRC	m. cargo	Santo Domingo— Georgetown	Corn & soya beans	Damaged by fire in engine room at Georgetown, Guyana; subsequently towed to Curacao and sold for breaking up.	2nd Nov.	
PAL DIMITRIOS ... 1951	2187	PAN	m. cargo	At Aqaba	Ballast	Damaged by fire at Aqaba; subsequently taken to Haql and thence to Suez and sold for breaking up.	19th June	
PANAGIS S. 1958	7906	GRC	m. cargo	At Drapetzona	...	Caught fire in accommodation while under repair at Drapetzona; subsequently towed to Split and sold for breaking up.	11th Oct.	
SELIS 1950	133	NOR	w.m. sealer	... ..	...	Burnt out after fire in engine room off Tromso.	11th June
SOCRATIS 1951	2908	GRC	m. wine carrier	At Perama	...	At Perama.	31st Mar.	

Continued

Burnt—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
SPYROS... .. 1964	35676	LIB	s. tanker	At Singapore	...	Extensively damaged by explosion and fire in engine room while under repair at Singapore; subsequently towed to Kaohsiung for breaking up.	12th Oct.
SUN FLOWER... .. 1962	7134	PAN	m. cargo	At Koh Sichang	Sugar	Caught fire in engine room, listed and sank at Koh Sichang anchorage, Gulf of Thailand, in lat. 13 09 21N., long. 100 50 58E.	2nd Dec.
TZIMANIS 1952	1183	PAN	m. cargo	Limassol— Mina Qaboos	General	Caught fire and sank 1 mile W. of Port Said western breakwater.	6th July
UNION FAIR 1964	7488	PAN	m. cargo	Kobe—Lagos	Cars	Damaged by fire whilst moored in Lagos Roads; subsequently towed to Santander, sold and broken up.	22nd May
URANUS 11 1954	6500	PAN	m. cargo	Colombo— Khorramshahr	Jute, gunny bags & tea	Damaged by fire off Khorramshahr; subsequently towed to Bahrain and thence to Kaohsiung and sold for breaking up.	17th Sept.
VETOR PRIMO ... 1943	467	ITL	m. wine tanker	Anzio—Ponza	Water	Caught fire in engine room 10 miles E. of Ponza Island; subsequently towed to Gaeta and sold for breaking up.	17th June
VORI 1957	7612	GRC	m. cargo	Cotonou— north continent	Bagged sugar, cement, telegraph poles & general	Caught fire in engine room at Abidjan; subsequently towed to Warri and thence to Bilbao and sold for breaking up.	4th Sept.
WOO YANG 1964	511	KRS	m. cargo	Osaka—Busan	Explosives & general	Caught fire off Himeshima, Oita, in lat. 33 43N., long. 131 47E; subsequently towed to Tokuyama and thence to Masan and Busan, sold and broken up.	4th Apr.
ZAPATA... .. 1967	156	SPN	m. trawler	... ..	...	Extensively damaged by fire in lat. 36 03N., long. 01 15W., and towed to Cadiz; to be broken up.	22nd May

Collision

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
APLICHAU 1948	5414	PAN	m. cargo	Aden—Bangkok	...	Damaged by collision with ILOK off Sulton Shoal, Singapore; subsequently taken to Bangkok and thence to Kaohsiung, sold and broken up.	7th Feb.
ESTHER S. 1964	400	PAN	m. cargo	Bilbao—Bremen	Ferromanganese	Sank after collision with ALBIZ outside port of Bilbao in dense fog.	11th Nov.
FEMKE 1957	407	CYP	m. cargo	Antwerp—Selby	Bagged calcium bicarbonate	Sank after collision with REGENT VIRGO 3 miles off Spurn High Light, lower River Humber, in lat. 53 32 51N., long. 00 03 30E., in fog.	23rd Apr.

Continued

Collision—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date	
HOKKAI MARU No. 58	1974	124	JPN	m. fishing	... ..	...	Sank after collision with HEIAN MARU No. 51 in lat. 44 53N., long. 143 46E.	17th Oct.
LADY LOGOS ...	... —	120	PHI	m. ferry	Basilan Island— Jolo	Passengers	Sank after collision with FARHANA off Bolod Island, Sulu Archipelago.	31st Oct.
MINOR ...	... 1969	221	SPN	m. trawler	... ..	...	Sank after collision with SAN PEDRO off Punta Gando in lat. 29 30N., long. 15 19W.	21st Aug.
OMONIA ...	... 1962	1137	CYP	m. tanker	Piræus—Savona	Iron coils	Sank after collision with ALMAK (T) in the Strait of Messina between Cap Faro and Carnitello.	24th Dec.
PACIFIC ...	... —	427	PHI	m. cargo	... ..	...	Sank after collision with LSCO PETROPARCEL (T) off Lagarian Point near Naujan, in approximately lat. 13 20N., long. 121 23E.	12th May
RADIANT ...	... 1957	2234	IND	s. cargo	Port Okha & Bombay—Cochin	Soda ash & general	Sank after collision with ALTONA in Bombay harbour in lat. 18 56 12N., long. 72 51 48E; subsequently broken up.	20th Feb.
STAR K ...	... 1961	15474	GRC	m. bulk carrier	Japan— Vancouver	Ballast	Extensively damaged after collision with TAIWAN PHOENIX S. of Kodiak in approximately lat. 47 34N., long. 154 39W; subsequently towed to Portland, Or., to be broken up.	19th July
STARRAKER ...	... 1973	101	USA	w.m. trawler	... ..	...	Sank after collision with MISS ANNE S. of Galveston.	18th Aug.

Wrecked

(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date	
ACTIVITY ...	... 1955	4257	CYP	m. cargo	Leningrad— Jeddah	Sawn timber	Stranded off Faro Island, off Gotland, refloated and beached near Bungenas; subsequently refloated and towed to Ystad and sold for breaking up.	21st Dec.
AEGIS GRACE ...	... 1958	8694	GRC	m. cargo	Dakar— Bhavnagar	Phosphate	Stranded off Jabal Zuqar Island in lat. 14 02 48N., long. 42 47 30E., after generator failure; refloated and taken to Jibouti; subsequently renamed GRACE and towed to Singapore and thence to Kaohsiung and sold for breaking up.	14th Aug.
AKIANNA ...	... 1955	7423	GRC	m. cargo	Constantza— Abu Dhabi	Cement	Stranded 4 miles E. of Dahlak Kebir Island in lat. 15 57N., long. 40 40E; subsequently refloated, taken to Abu Dhabi, and thence to Hong Kong and Kaohsiung and sold for breaking up.	20th Jan.

Continued

Wrecked—Continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AN YUNG 1957	8476	PAN	m. bulk carrier	Taichung—Sibu	Ballast	Stranded on Royal Captain Shoal, South China Sea, in lat. 09 01N., long. 116 40E; subsequently refloated, taken to Illigan Bay and thence towed to Kaohsiung, sold and broken up.	11th Aug.
APOSTOLOS M. ... 1939	3381	PAN	m. cargo	Piræus—Gizan	Cement	70 miles off Gizan in lat. 17 00 48N., long. 41 20 00E.	9th May
ARCADYRA 1960	6772	GRC	m. cargo	At Atimonan	Copra pellets	Struck jetty and sank at Atimonan during a typhoon; subsequently refloated, towed to Manila and thence to Kaohsiung and sold for breaking up.	27th Sept.
ASAHI MARU No. 21 1962	420	JPN	m. cargo	... ..	...	Stranded and sank $\frac{1}{2}$ mile S. of Kanaezaki Light.	15th Dec.
ASTRON... .. 1957	27990	PAN	s. tanker	Boston—Aruba	Ballast	20 miles N.W. of Cabo Engano Light, Dominican Republic, in lat. 18 44 12N., long. 68 27 12W., after steering failure.	7th Apr.
BOLERO —	381	HON	m. cargo	Varna—Beirut	Whisky & cigarettes	At Karaburun Mevki near Kilyos, Turkish European Black Sea coast in heavy weather.	7th Jan.
CHIOS 1960	8542	GRC	m. cargo	Drepanon— Jeddah	Cement	Stranded 30 miles N.W. of Jeddah in lat. 21 47N., long. 38 48E; subsequently refloated and towed to Jeddah and thence to Hodeidah and Kaohsiung and sold for breaking up.	5th Dec.
COASTAL EMPEROR 1960	250	GBI	m. safety vessel	Aberdeen— Thistle Field Platform	...	4 miles N. of Aberdeen in lat. 57 13N., long. 02 04W., in heavy weather.	6th Dec.
EL HAG ABDALLA ... 1958	2452	EGY	s. cargo	Beirut— Alexandria	Scrap iron	At Rashid in fog.	23rd June
ELPIS I 1954	426	CYP	m. cargo	... ..	...	Struck rock between Trapani and Levanzo Island and sank in lat. 37 59 06N., long. 12 25 12E.	11th Jan.
FAIRWAY 1958	175	GBI	w.m. trawler	... ..	...	Stranded and sank in approximately lat. 50 41 08N., long. 03 01 04W., after making water.	2nd Dec.
GEORGIOS G.... .. 1949	1366	GRC	s. cargo	Piræus—Aqaba	Flour	In Nukhailah Bay, 60 miles off Aqaba.	4th Apr.
GOLDEN SEAGULL ... 1960	8772	GRC	m. cargo	Constantza— Vietnam	Urea	Stranded 55 miles N. of Assab in lat. 13 39 36N., long. 42 14 12E., and caught fire; subsequently refloated, towed to Jibouti and thence to Kaohsiung, sold and broken up.	16th Apr.
GRAMPIAN CASTLE... 1960	237	GBI	m. trawler	... ..	...	Stranded at Sandhaven, 2 miles W. of Kinnaid's Head; subsequently refloated, towed to Aberdeen and thence to St. Davids Bay and broken up.	12th Sept.
HOKUTO MARU No. 58 1969	348	JPN	m. fishing	... ..	...	Stranded and sank off Hanasaki Light, Hokkaido.	23rd Oct.
INSULAR DE CEBU ... 1944	573	PHI	m. cargo	... ..	...	Off Pasuquin, N. Luzon.	30th June
KALAIS 1949	3659	GRC	m. cargo	Alcamar—Warri	Bagged cement	Stranded off Cape Bojador in lat. 26 16N., long. 14 24W; subsequently refloated and towed to Las Palmas; to be broken up.	2nd Feb.

Continued

Wrecked—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
KATERINA 1955	7399	GRC	m. cargo	Saleef—Palermo	Ballast	Extensively damaged by stranding off Kamaran Channel following machinery failure; subsequently refloated, taken to Palermo and thence towed to Piræus; to be broken up.	5th May
KOEI MARU No. 21 ... 1974	486	JPN	m. cargo	... ..	...	Stranded and sank off Kutakojima, Shimajiri-gun, Okinawa, in heavy weather.	2nd Dec.
KOSEI MARU 1966	751	JPN	m. cargo	... ..	...	Stranded and sank off Ashiya, Fukuoka Pref.	15th Oct.
LES LEVY 1966	197	USA	m. supply	... ..	...	Struck oil exploration platform and sank in the Gulf of Mexico.	31st Jan.
MATTEOEMME ... 1947	2487	ITL	m. cargo	Rijeka—Jeddah	...	Off Bari in heavy weather.	27th Oct.
MIGHTY TRADER ... 1964	33344	LIB	m. tanker	... ..	...	Stranded off Yoshiura near Kure after breaking moorings during a typhoon; subsequently refloated and sold for breaking up.	15th Sept.
NAHOST JUMBO ... 1954	6354	GRC	m. cargo	Aqaba—Poland	Phosphate	Struck sunken wreck and sank in Suez Bay in lat. 29 54 27N., long. 32 29 50E.	19th Mar.
NAM HAE No. 217 ... 1965	159	KRS	m. fishing	... ..	...	Off Atafu Island, Tokelau Group, in lat. 08 31S., long. 172 30W., in poor visibility.	9th Apr.
NEW CHANCE ... 1961	1720	KRS	m. cargo	Osaka—Inchon & Busan	General	Stranded at Hwang Do in lat. 36 13 30N., long. 125 57 36E., refloated but beached due to leakage in Ochongdo harbour in lat. 36 07 00N., long. 125 59 18E., where capsized; to be broken up.	29th Dec.
ORCHID GARDEN ... 1955	962	SNG	m. cargo	Singapore—Jakarta	General	Struck submerged object 10 miles off Horsburgh Lighthouse, Singapore and sprang leak; subsequently beached but sank in lat. 01 21 36N., long. 104 18 00E., on 30th September.	26th Sept.
PARNASSOS 1957	8156	GRC	m. cargo	Rotterdam—Calcutta	Urea in bags	Struck bottom, hull cracked and beached off Bizerta in lat. 37 20 06N., long. 09 52 12E.	19th Oct.
PHOTINIA 1961	7676	GBI	m. bulk carrier	Chicago—Milwaukee	Ballast	Stranded off Milwaukee after dragging anchor in heavy weather; subsequently refloated, towed to Sturgeon Bay and thence to Chicago for breaking up.	13th May
QUO VADIS 1956	248	FRA	m. trawler	... ..	...	Stranded and sank off Etel.	7th June
ROGER KERDELHUE 1961	212	IVC	m. trawler	... ..	...	87 miles W. of Abidjan after springing leak in engine room.	15th Apr.
SAN JOSE II —	120	PHI	m. fishing	... ..	...	400 miles S.W. of Manila during a typhoon.	28th Oct.
STEFANOS S. 1968	678	GRC	m. cargo	Volos—Jeddah	Electric cable, marble & steel	Stranded and sank off Jeddah in lat. 21 40N., long. 38 48E.	21st Sept.
TARIK 1970	136	MOR	m. tug	... ..	...	At El Jadida.	Feb.
TONG JOO 1950	4690	SNG	m. cargo	Rangoon—Trincomalee	Bagged rice	Stranded and sank in Galle harbour.	18th Sept.

Continued

Wrecked—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
TOUBKAL 1961	8748	MOR	m. cargo	Keelung— Casablanca	Tea in cases	On Scarborough Shoal in lat. 15 11 05N., long. 117 43 04E., during a typhoon.	29th Oct.
UNAI 1954	1278	SPN	m. cargo	Vigo—Marina di Carrara	Granite blocks	Struck breakwater and stranded off Marina di Carrara after dragging anchors in heavy weather; subsequently refloated and taken to Naples; to be broken up.	29th Dec.
VASSILIS PATERAS ... 1955	9242	CYP	m. cargo	Recife— Venezuela	Bagged sugar	Sprang leak in engine room off coast of French Guiana in lat. 05 30N., long. 52 00W., on 5th September and stranded in approximately lat. 06 00N., long. 53 50W; subsequently refloated, towed to Port of Spain and thence to Puerto Sucre and Brownsville, sold and broken up.	6th Sept.
VIKHOLM 1918	197	NOR	w.m. cargo	... ..	Bulk cargo	At Ryfylkefjorden.	13th Sept.
VRINDA III 1977	500	IND	m. cargo	Bombay—Karachi	...	Off W. coast of Bombay in lat. 18 57 03N., long. 72 47 33E., after engine failure.	23rd July

Lost

(Under this heading are included total losses which for want of sufficient information, or for other reasons, cannot be classified)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
BAALBECK 1948	1797	LEB	m. cargo	At Beirut	...	At Beirut.	30th Nov.
BLUE MED 1962	4908	LIB	m. cargo	Rochester— Yenbo	Steel bars	Extensively damaged by heavy weather in the Atlantic Ocean; subsequently taken to Cartagena, sold and broken up.	6th Nov.
CAVOS STARAS ... 1957	9176	GRC	m. cargo	Port Harcourt— River Parana	Ballast	Reported took water in engine room in lat. 05 08S., long. 22 08W; subsequently towed to Dakar and thence to Barcelona, sold and broken up.	4th Aug.
HAWARDEN BRIDGE 1940	297	GBI	m. cargo	... ..	...	Found adrift with engine room flooded 15 miles N.W. of Great Isaac Light, Bahamas, in lat. 26 02N., long. 79 05W., and towed to Miami; subsequently towed out and scuttled for use as an artificial reef off Miami on or about 3rd November.	14th Mar.
OSOR 1955	1200	YUG	m. cargo	Piræus—Cres	...	Sustained machinery damage whilst on voyage from Piræus to Cres in heavy weather; subsequently towed to Split and sold for breaking up.	5th Nov.

CORRECTION

WADDENZEE, 111 tons gross motor trawler, built 1967, NTH flag. Reported wrecked on page 73 of the December Quarterly Return, 1978. Details should read WADDENZEE, 1534 tons gross motor cargo ship, built 1968, NTH flag.

REINSTATE

ROYAL ALASKAN, 1111 tons gross motor fishing vessel, built 1941, USA flag. Reported burnt on page 51 of the September Quarterly Casualty Return, 1978. Since reported effecting repairs.

ADDITIONAL INFORMATION

AEOLOS, 3346 tons gross motor cargo ship, built 1947, CYP flag. Reported stranded on Abu Saadah reef off Jeddah in December, 1976, refloated and towed to N.E. anchorage but broke moorings and stranded on Ali reef in lat. 21 24 03N., long. 39 08 48E., previous to 18th May, 1978; subsequently refloated and scuttled off Jeddah.

AL MOKATTAM, 6212 tons gross motor cargo ship, built 1958, EGY flag. Reported damaged by fire at Alexandria on 12th June, 1974; subsequently sold and broken up.

ANDROS MADOLINE, 141 tons gross motor barge, built 1953, BAH flag. Reported foundered off the Bahamas on 18th June, 1972.

ANTHOULA, 1224 tons gross motor cargo ship, built 1957, CYP flag. Reported beached after collision with ARMONIKOS at Thessaloniki on 21st December, 1976.

COMPASS ROSE II, 218 tons gross motor ferry, built 1970, SLI flag. Reported wrecked off Abemama, Gilbert Islands, on 8th December, 1977.

DONG WON No. 505, 294 tons gross motor fishing vessel, built 1967, KRS flag. Reported foundered off Las Palmas on 1st August, 1977.

EUROPEAN INDEPENDENCE, 5175 tons gross motor cargo ship, built 1958, GRC flag. Reported extensively damaged by fire in Bedi Roads on 30th September, 1977, and beached in lat. 22 35 12N., long. 70 07 48E., caught fire again on 30th November, 1977; subsequently refloated, towed to Bombay, sold and broken up.

FIVE OCEANS, 479 tons gross motor cargo ship, built 1957, PAN flag. Reported stranded at Itala, N.E. of Mogadiscio, on 19th July, 1977; subsequently refloated, towed to Mombasa, sold and broken up.

GEORGIOS, 6241 tons gross motor cargo ship, built 1953, GRC flag. Reported damaged by fire off Rio de Janeiro, in approximately lat. 24 27S., long. 43 10W., on 20th August, 1972; subsequently towed to Rio de Janeiro, sold and broken up.

INDUSTRIES III, 101 tons gross wooden motor trawler, built 1972, GUY flag. Reported foundered off Georgetown, Guyana, on 6th September, 1976.

IRWIN DUX, 7665 tons gross motor cargo ship, built 1952, PAN flag. Reported stranded off Palawan on 19th December, 1977; subsequently refloated, towed to Manila and thence to Kaohsiung, sold and broken up.

KARIBA, 331 tons gross motor cargo ship, built 1950, FRA flag. Reported sailed from Demerara on 14th June, 1977, for Barbados and not since heard of.

KAROLOS, 2336 tons gross motor cargo ship, built 1954, CYP flag. Reported towed to Piræus after developing engine trouble in lat. 36 29N., long. 17 50E., in August, 1976; subsequently broken up.

KOL-175, 114 tons gross motor stern trawler, built 1977, POL flag. Reported foundered 20 miles E. of Bornholm in lat. 54 16 02N., long. 15 32 09E., on 19th November, 1977, in heavy weather; subsequently raised, taken to Kolobrzeg and broken up.

KRITI, 1996 tons gross motor cargo ship, built 1954, GRC flag. Reported sustained serious machinery damage S.E. of Takoradi in lat. 02 25N., long. 00 38W., on 17th June, 1977, and anchored off Takoradi; subsequently beached in lat. 03 54 45N., long. 01 44 18W., on 2nd July, 1978.

LINA, 206 tons gross wooden motor cargo ship, built 1921, FAR flag. Reported damaged by fire off Greenland in 1971; subsequently taken to Frederikstab, Greenland, and disposed of by burning.

MARIGO T, 3509 tons gross motor cargo ship, built 1951, CYP flag. Reported wrecked off Tripoli, Libya, on 23rd March, 1973.

NIKOLAS, 3466 tons gross motor cargo ship, built 1943, GRC flag. Reported damaged by fire off Theodosia on 12th December, 1975; subsequently towed and beached at Zhdanov.

ORHAN ZINDANCI OGLU II, 331 tons gross motor cargo ship, built 1970, TRK flag. Reported foundered in the Bosphorus on 30th December, 1974.

PIRÆUS II, 852 tons gross motor tanker, built 1946, GRC flag. Reported burnt and sank at Eleusis on 6th November, 1977.

Continued

ADDITIONAL INFORMATION—Continued

- RITA III, 157 tons gross motor tug, built 1945, PAN flag. Reported wrecked at the mouth of the Boeri River, 3 miles N. of Roseau, Dominica, on 21st December, 1977.
- RUBEN, 1926 tons gross motor cargo ship, built 1951, PAN flag. Reported damaged by fire in lat. 45 15N., long. 01 29W., on 2nd December, 1976, and stranded off Capbreton in lat. 43 43 12N., long. 01 26 48W., on 4th December, 1976; subsequently refloated, taken to Bayonne and thence to Zumaya, sold and broken up.
- RUSTRINGEN, 642 tons gross motor cargo ship, built 1953, GFR flag. Reported sank after collision with KYLIX in the River Thames on 11th October, 1972; subsequently raised and beached.
- SLIDRE, 1443 tons gross motor cargo ship, built 1938, PHI flag. Reported wrecked at Apra in lat. 13 26 30N., long. 144 38 24E., on 21st May, 1976, during a typhoon.
- SOUGERKA, 1395 tons gross motor cargo ship, built 1949, GRC flag. Reported stranded in lat. 17 00 00N., long. 41 19 30E., on 12th April, 1977; subsequently refloated and taken off Gizan where reported to have sunk.
- TAKA, 11425 tons gross motor ore carrier, built 1958, GRC flag. Reported extensively damaged by fire in lat. 37 40N., long. 09 01E., on 21st September, 1977; subsequently towed to Rotterdam and thence to Dordrecht and converted for use as a storage facility.
- THISBE, 3435 tons gross steam cargo ship, built 1951, GRC flag. Reported stranded off Mombasa on 7th June, 1972; subsequently refloated, taken to Safaga and beached in lat. 26 40N., long. 33 56E.
- VILLIA BASSE, 677 tons gross motor trawler, built 1966, DEN flag. Reported foundered at Holsteinsborg whilst undergoing repairs on 5th May, 1977; subsequently raised, towed to Gothenburg and broken up.
- XENY, 1965 tons gross motor cargo ship, built 1955, GRC flag. Reported damaged by fire 30 miles off Cabo Roca on 2nd December, 1975; subsequently towed to Cadiz where capsized and sank.

Argen
Aust
Bah
Belg
Bern

Braz
Burn
Canu
Chile
Chin
Ta

Cypr
Denn
Ecuac
Finla
Franc

Germ
Germ
Greec
Hond
Iceland

India
Iran
Italy
Ivory
Japan

Kuwait
Leban
Liberia
Libya
Malaya

Maldiv
Nether
Nicara
Norwa
Pakista

Panam
Peru
Philipp
Poland
Saudi A

Singapo
South A
Spain
Sweden
Switzerl

Thailand
U.S.S.R
United
United
United

Urugua
Venezue
Vietnam
Yugosla

World T

STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.

DURING 1978 (NOT CONSEQUENT UPON CASUALTY)

Flag	No.	Tons Gross	Place of Disposal	No.	Tons Gross
Argentina ...	4	25,257	Algeria ...	1	366
Australia ...	2	28,076	Argentina ...	4	25,257
Bahamas ...	2	663	Bahamas ...	1	149
Belgium ...	4	77,074	Belgium ...	2	4,340
Bermuda ...	1	24,021	Brazil ...	1	30,379
Brazil ...	1	30,379	Canada ...	4	15,805
Burma ...	1	7,582	China, People's Republic of	16	128,156
Canada ...	6	28,162	Taiwan, Province of	235	6,042,053
Chile ...	1	13,410	Colombia ...	1	1,267
China, People's Republic of	—	—	Denmark ...	2	359
Taiwan, Province of	5	105,288	France ...	2	755
Cyprus ...	35	212,090	Germany, Federal Republic of	4	3,640
Denmark ...	3	35,867	Greece ...	11	44,024
Ecuador ...	2	40,538	Hong Kong...	30	221,836
Finland ...	1	12,303	Iceland ...	1	165
France ...	15	380,473	India ...	2	12,578
German Democratic Republic	2	22,428	Italy ...	32	164,690
Germany, Federal Republic of	9	139,469	Japan ...	417	345,121
Greece ...	103	1,486,084	Korea (South)	28	799,972
Honduras ...	2	5,975	Liberia ...	1	24,502
Iceland ...	1	165	Mexico ...	1	11,701
India ...	2	12,578	Netherlands ...	1	359
Iran ...	1	10,866	Norway ...	2	978
Italy ...	25	185,459	Pakistan ...	90	642,159
Ivory Coast ...	2	18,079	Panama ...	1	4,884
Japan ...	421	726,526	Poland ...	11	8,663
Kuwait ...	1	4,138	Saudi Arabia ...	2	2,897
Lebanon ...	2	11,279	Singapore ...	3	2,329
Liberia ...	137	3,303,197	South Africa ...	5	1,821
Libya ...	1	24,233	Spain ...	83	1,053,486
Malaysia ...	2	6,322	Sweden ...	1	3,055
Maldiv Islands ...	1	9,010	Thailand ...	1	3,550
Netherlands ...	11	222,453	U.S.S.R. ...	3	5,362
Nicaragua ...	1	1,267	United Kingdom	34	117,537
Norway ...	16	562,495	United States of America...	30	212,739
Pakistan ...	1	15,941	Uruguay ...	1	3,812
Panama ...	99	1,028,316	Yugoslavia ...	14	129,355
Peru ...	1	12,858			
Philippines ...	1	8,556			
Poland ...	17	27,089			
Saudi Arabia ...	9	156,236			
Singapore ...	15	111,914			
South Africa ...	5	1,821			
Spain ...	7	35,692			
Sweden ...	2	24,480			
Switzerland ...	1	6,704			
Thailand ...	1	3,550			
U.S.S.R. ...	13	53,495			
United Arab Emirates ...	1	1,662			
United Kingdom ...	50	615,989			
United States of America	26	162,912			
Uruguay ...	3	27,559			
Venezuela ...	1	218			
Vietnam ...	1	1,527			
Yugoslavia ...	1	376			
World Total	1,078	10,070,101	World Total	1,078	10,070,101

DETAILS OF SHIPS CONDEMNED, BROKEN UP, ETC., NOT PREVIOUSLY INCLUDED

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
AKATSUKI MARU 1963	315	JPN	m. tanker	Broken up	Japan
AMOCO NEW YORK 1943	10414	USA	s. tanker	Broken up	United States of America
ANGARGES 1957	5079	USR	m. cargo	Broken up	Spain
ANGY 1953	6553	GRC	m. cargo	Broken up	Pakistan
ARAFAT... .. 1924	1154	SAU	m. cargo	Scuttled	Off Saudi Arabia
ASAHI MARU No. 2 1961	499	JPN	m. cargo	Broken up	Japan
ASAKA MARU No. 11 1968	199	JPN	m. cargo	Broken up	Japan
BAFFIN TRANSPORT 1955	11701	CAN	m. tanker	Broken up	Mexico
BIAGINO MATTERA... .. 1903	482	ITL	m. cargo	Broken up	Italy
BIANCA 1959	16094	PAN	m. tanker	Broken up	Taiwan, Province of
BIEBRZA 1955	648	POL	s. fishing	Broken up	Poland
BIELSKO 1957	2555	POL	s. cargo	Broken up	United Kingdom
BONANZA 1947	1591	CYP	m. cargo	Broken up	Greece
CAPISTERIA 1960	28435	LIB	s. tanker	Broken up	Taiwan, Province of
CARL CLAUSEN 1907	338	GFR	m. cargo	Broken up	Germany, Federal Republic of
CHIAN 1956	20328	GRC	m. tanker	Broken up	Korea (South)
CHITOSE MARU 1961	311	JPN	m. tanker	Broken up	Japan
CHOYO MARU 1966	166	JPN	m. sand carrier	Broken up	Japan
CONGAR 1946	3734	CAN	m. tanker	Broken up	Canada
DAIAN MARU No. 128 1970	124	JPN	m. fishing	Broken up	Japan
DAIFUKU MARU No. 8 1965	449	JPN	m. tanker	Broken up	Japan
DAISHO MARU No. 2 1965	154	JPN	m. cargo	Broken up	Japan
DAIYO MARU No. 58 1970	124	JPN	m. fishing	Broken up	Japan
EFTHYCOSTA I 1954	12423	GRC	m. tanker	Broken up	Greece
EIHO MARU No. 72 1970	124	JPN	m. fishing	Broken up	Japan
EIKO MARU No. 3 1963	174	JPN	m. sand carrier	Broken up	Japan
EIKYU MARU No. 58 1967	299	JPN	m. fishing	Broken up	Japan
EISHIN MARU 1963	170	JPN	m. cargo	Broken up	Japan
EIWA MARU No. 10 1961	493	JPN	m. tanker	Broken up	Japan
ELEFThERIA NIKI 1951	6736	GRC	m. cargo	Broken up	Spain
ELEONARA ONORATO 1946	827	ITL	m. cargo	Broken up	Italy
ELEONORE I 1947	366	PAN	m. cargo	Broken up	Algeria
ESPEROS III 1948	5289	CYP	m. cargo	Broken up	Pakistan
ESSO BERLIN... .. 1958	22410	LIB	s. tanker	Broken up	Korea (South)
EURABIA FRIENDSHIP 1957	9427	LEB	m. cargo	Broken up	Yugoslavia
EUROSTAR 1960	7810	GRC	m. ore carrier	Broken up	Pakistan
EVER GRACE 1958	8488	PAN	m. cargo	Broken up	Taiwan, Province of
FIVE FIELDS 1957	9368	CYP	m. cargo	Broken up	Pakistan
FLORES CAREER 1955	9035	LIB	m. cargo	Broken up	Japan

Continued

Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
FUKUJU MARU No. 2 1963	161	JPN	m. fishing	Broken up	Japan
GAMOV... .. 1949	533	USR	s. tug	Broken up	U.S.S.R.
GAVILAN 1924	1743	PAN	s. cargo	Scuttled	Off Saudi Arabia
GEIYO MARU No. 16 1966	132	JPN	m. sand carrier	Broken up	Japan
GENERAL MARU No. 7 1962	321	JPN	m. tanker	Broken up	Japan
GIRAGLIA 1949	384	FRA	m. cargo	Broken up	France
GOLDEN HERO 1955	8084	PAN	m. cargo	Broken up	Taiwan, Province of
GOMBA ENTERPRISE 1958	1326	GBI	m. cargo	Broken up	Germany, Federal Republic of
GRACE VENTURE 1958	10473	LIB	m. bulk carrier	Broken up	Taiwan, Province of
HAKKO MARU No. 57 1971	349	JPN	m. fishing	Broken up	Japan
HANEI MARU No. 3 1961	311	JPN	m. tanker	Broken up	Japan
HICHIYO MARU No. 2 1961	408	JPN	m. fishing	Scuttled	Off Japan
HOEI MARU No. 3 1960	194	JPN	m. tanker	Broken up	Japan
HOEI MARU No. 11 1963	199	JPN	m. cargo	Broken up	Japan
HOEI MARU No. 15 1968	347	JPN	m. sand carrier	Broken up	Japan
HOEI MARU No. 55 1966	101	JPN	m. tanker	Broken up	Japan
HOKKO MARU No. 6 1964	495	JPN	m. cargo	Broken up	Japan
HOKUSEI MARU 1959	4567	JPN	m. cargo	Broken up	Japan
HOKUTO MARU No. 3 1968	349	JPN	m. fish carrier	Broken up	Japan
HOKUTO MARU No. 33 1965	273	JPN	m. fishing	Broken up	Japan
HORYO MARU No. 36 1970	124	JPN	m. fishing	Broken up	Japan
HOSHO MARU No. 1 1969	174	JPN	m. sand carrier	Broken up	Japan
ICHIKAWA MARU 1962	850	JPN	m. cargo	Broken up	Japan
ISUZU MARU No. 1 1964	113	JPN	m. sand carrier	Broken up	Japan
JAVA SEA 1962	30613	LIB	s. tanker	Broken up	Korea (South)
JEDNOSC ROBOTNICZA 1950	2003	POL	s. ore carrier	Broken up	United Kingdom
JINEI MARU No. 18 1969	124	JPN	m. fishing	Broken up	Japan
JINKO MARU No. 12 1961	374	JPN	m. cargo	Broken up	Japan
JINYU MARU 1971	174	JPN	m. salvage	Broken up	Japan
KAISEI MARU No. 55 1964	111	JPN	m. fishing	Broken up	Japan
KAKUHO MARU 1959	29312	JPN	m. tanker	Broken up	Korea (South)
KAKUHO MARU No. 58 1961	155	JPN	m. tanker	Broken up	Japan
KALEMYO 1952	7582	BMA	m. cargo	Broken up	China, People's Republic of
KANEYOSHI MARU No. 6 1963	139	JPN	m. cargo	Broken up	Japan
KANNON MARU No. 6 1964	498	JPN	m. tanker	Broken up	Japan
KARATO MARU 1970	304	JPN	m. sand carrier	Broken up	Japan
KATO 1965	43264	PAN	m. tanker	Broken up	Taiwan, Province of

Continued

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
KATSU MARU No. 2... .. 1960	114	JPN	m. cargo	Broken up	Japan
KATSURA MARU No. 5 1959	447	JPN	m. cargo	Broken up	Japan
KEFALONIA SKY 1960	13628	GRC	m. bulk carrier	Broken up	United States of America
KEIHAN MARU No. 2 1959	428	JPN	m. cargo	Broken up	Japan
KENSEI MARU 1965	693	JPN	m. cargo	Broken up	Japan
KINEI MARU No. 5 1965	194	JPN	m. cargo	Broken up	Japan
KINKO MARU... .. 1966	665	JPN	m. tanker	Broken up	Japan
KINOENE MARU No. 3 1966	199	JPN	m. cargo	Broken up	Japan
KINTSUNA MARU No. 2 1956	499	JPN	m. cargo	Broken up	Japan
KINYO MARU No. 1... .. 1964	499	JPN	m. tanker	Broken up	Japan
KIYO MARU No. 3 1963	195	JPN	m. cargo	Broken up	Japan
KOKI MARU No. 1 1960	253	JPN	m. tanker	Broken up	Japan
KOLOMNA 1953	3258	USR	s. cargo	Broken up	U.S.S.R.
KOMATSU MARU 1965	960	JPN	m. tanker	Broken up	Japan
KONPIRA MARU No. 12 1963	117	JPN	m. cargo	Broken up	Japan
KOPIONELLA 1955	12146	NTH	s. tanker	Broken up	Spain
KOSHIN MARU 1961	310	JPN	m. tanker	Broken up	Japan
KOSHIN MARU No. 1 1960	373	JPN	m. cargo	Broken up	Japan
KOSHIN MARU No. 2 1962	112	JPN	m. tanker	Broken up	Japan
KOSHIN MARU No. 3 1951	292	JPN	m. cargo	Broken up	Japan
KOZAN MARU No. 2 1964	451	JPN	m. cargo	Broken up	Japan
KYORITSU MARU 1967	459	JPN	m. cargo	Broken up	Japan
LAKE TORRENS 1957	7329	PAN	s. bulk carrier	Broken up	Hong Kong
LETO 1953	12577	GRC	s. tanker	Broken up	Spain
MATHIOS 1936	1597	GRC	m. cargo	Broken up	Greece
MATSUO MARU No. 11 1964	389	JPN	m. tanker	Broken up	Japan
MEITOKU MARU 1964	417	JPN	m. cargo	Broken up	Japan
MERCURY LAKE 1952	9112	LIB	m. passenger & cargo	Broken up	China, People's Republic of
MICHAEL 1959	26737	LIB	s. tanker	Broken up	Taiwan, Province of
MIYOSHI MARU No. 8 1956	152	JPN	m. fishing	Broken up	Japan
MOGAMI 1950	233	JPN	m. patrol	Broken up	Japan
MYOEI MARU No. 38 1972	349	JPN	m. trawler	Broken up	Japan
NACHI MARU... .. 1938	118	JPN	m. salvage	Broken up	Japan
NAKANO MARU No. 13 1966	269	JPN	m. cargo	Broken up	Japan
NANIWA MARU No. 8 1967	556	JPN	m. tanker	Broken up	Japan
NAZEER 1956	7640	PAN	s. cargo	Broken up	Pakistan
NGOMEI CHAU 1949	5466	PAN	m. cargo	Broken up	Taiwan, Province of
NIDA 1959	673	POL	s. fishing	Broken up	Poland
NISSHIN MARU No. 11 1969	496	JPN	m. cargo	Broken up	Japan

Continued

Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
NORIEI MARU No. 2 1965	144	JPN	m. cargo	Broken up	Japan
OASA MARU No. 8 1958	403	JPN	m. cargo	Broken up	Japan
ORIETTA 1902	161	ITL	w.m. cargo	Broken up	Italy
OSUGA MARU No. 5 1961	134	JPN	m. tanker	Broken up	Japan
PANTAZIS CAIAS 1954	9618	GRC	m. cargo	Broken up	China, People's Republic of
PATRIA 1959	28971	LIB	s. tanker	Broken up	Taiwan, Province of
PATWARI 1954	7909	CYP	m. cargo	Broken up	Pakistan
PAUL L. TIETJEN 1907	7038	USA	s. bulk carrier	Broken up	United States of America
PELION 1958	23607	GRC	s. tanker	Broken up	Taiwan, Province of
PENTELIKON 1956	24502	GRC	s. tanker	Broken up	Liberia
PHILLIPS NEW YORK 1958	13345	LIB	s. tanker	Broken up	United States of America
PIAST 1951	3184	POL	m. cargo	Broken up	Spain
PYOTR SHIRSHOV 1958	7653	USR	m. tanker	Broken up	Japan
REGENT VIOLET 1961	13689	PAN	m. ore carrier	Broken up	Japan
ROSSELLAEMME 1949	5953	ITL	m. cargo	Broken up	Italy
ROSSEVERETT 1953	6513	LIB	m. cargo	Broken up	China, People's Republic of
ROWENA 1950	18802	PAN	s. bulk carrier	Broken up	Taiwan, Province of
RYUSHO MARU 1964	115	JPN	m. tanker	Broken up	Japan
RYUYU MARU No. 3 1955	299	JPN	m. fishing	Broken up	Japan
SAFINA SAUDIA 1963	35575	SAU	s. tanker	Broken up	Korea (South)
SALVANGUARD 1943	626	PAN	s. salvage	Broken up	Singapore
SANSHA MARU No. 17 1965	129	JPN	m. tanker	Broken up	Japan
SANTEN MARU 1964	199	JPN	m. tanker	Broken up	Japan
SATSUKI 1946	249	JPN	m. tug	Broken up	Japan
SEIKO MARU No. 3 1959	185	JPN	m. tanker	Broken up	Japan
SEIWA MARU... .. 1962	368	JPN	m. cargo	Broken up	Japan
SHINKO MARU No. 5 1964	188	JPN	m. cargo	Broken up	Japan
SHINPO MARU No. 3 1963	133	JPN	m. cargo	Broken up	Japan
SHINPUKU MARU 1968	165	JPN	m. sand carrier	Broken up	Japan
SHINWA MARU 1963	197	JPN	m. cargo	Broken up	Japan
SHINWA MARU No. 2 1966	363	JPN	m. fishing	Broken up	Japan
SHIRASAGI 1960	181	JPN	m. ferry	Broken up	Japan
SHOFUKU MARU No. 5 1965	157	JPN	m. cargo	Broken up	Japan
SHOFUKU MARU No. 28 1971	124	JPN	m. fishing	Broken up	Japan
SHOSHIN MARU No. 2 1958	285	JPN	m. cargo	Broken up	Japan
SHOTOKU MARU No. 36 1971	349	JPN	m. fishing	Broken up	Japan
SIROCCO 1958	18287	GRC	m. tanker	Broken up	Korea (South)
SOHO MARU No. 83... .. 1960	349	JPN	m. trawler	Scuttled	Off Japan
SOUTH STAR 1963	34595	LIB	s. tanker	Broken up	Korea (South)

Continued

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
TAIAN MARU... .. 1955	6548	JPN	m. cargo	Broken up	Japan
TAIHEI MARU 1967	125	JPN	m. tanker	Broken up	Japan
TAIHO MARU No. 2... .. 1965	361	JPN	m. tanker	Broken up	Japan
TAISHIN MARU No. 8 1962	475	JPN	m. cargo	Broken up	Japan
TAIWA MARU... .. 1963	42537	JPN	s. tanker	Broken up	Korea (South)
TAKI MARU NO. 5 1967	124	JPN	m. fishing	Broken up	Japan
TENSHA MARU No. 12 1959	2207	JPN	m. cargo	Broken up	Japan
TENYO MARU No. 1 1960	168	JPN	m. tanker	Broken up	Japan
TENYU MARU No. 72 1973	124	JPN	m. fishing	Broken up	Japan
TETSUUN MARU No. 11 1968	492	JPN	m. cargo	Broken up	Japan
TEXAS GETTY 1966	28263	LIB	s. ore/oil carrier	Broken up	Korea (South)
TOFUKU MARU 1933	115	JPN	m. cargo	Broken up	Japan
TOHO MARU No. 12 1959	122	JPN	m. sand carrier	Broken up	Japan
TOKO MARU 1965	481	JPN	m. cargo	Broken up	Japan
TOKUUN MARU 1962	184	JPN	m. cargo	Broken up	Japan
TOM HAWA 1943	296	NOR	m. cargo	Dismantled... ..	Norway
TONE 1952	240	JPN	m. patrol	Broken up	Japan
TOSHIN MARU 1962	154	JPN	m. tanker	Broken up	Japan
TOYO MARU No. 8 1964	225	JPN	m. cargo	Broken up	Japan
TOYO MARU No. 16... .. 1933	276	JPN	m. ferry	Broken up	Japan
TOYOSHIMA MARU 1970	317	JPN	m. cargo	Broken up	Japan
TSUBAME MARU 1956	20827	JPN	s. tanker	Broken up	Korea (South)
TSURUHIRO MARU No. 8... .. 1964	189	JPN	m. tanker	Broken up	Japan
UNION DEFENDER 1950	15257	LIB	s. bulk carrier	Broken up	Japan
UTO MARU 1948	162	JPN	m. tug	Broken up	Japan
WEILEE... .. 1962	64558	CHT	s. ore/oil carrier	Broken up	Korea (South)
YAEGAWA MARU 1959	332	JPN	m. cargo	Broken up	Japan
YAEGAWA MARU No. 3 1967	498	JPN	m. cargo	Broken up	Japan
YAHATA MARU No. 31 1970	349	JPN	m. fishing	Scuttled	Off Japan
YASUEI MARU No. 3 1966	336	JPN	m. cargo	Broken up	Japan
YAWATASAN MARU 1960	480	JPN	m. cement carrier	Broken up	Japan
YOSHINO MARU 1959	135	JPN	m. tanker	Broken up	Japan

SHIPS CONVERTED FOR NON-SEAGOING SERVICE

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
GEORGE E. SEEDHOUSE 1910	7899	USA	s. bulk carrier	Converted for use as a floating workshop.	United States of America
POPRAD 1956	650	POL	s. fishing	Converted for use as a heating facility.	Poland
PRZEMSA 1956	649	POL	s. fishing	Converted for use as a heating facility.	Poland
TRUDOLYUBIVYY 1955	1571	USR	m. fish carrier	Converted for use as a storage facility.	U.S.S.R.

CORRECTION

AGHIOS NECTARIOS, 20451 tons gross steam tanker, built 1958, LBY flag. Reported broken up on page 77 of the December Quarterly Casualty Return, 1978. Details should read AGHIOS NECTARIOS, 20451 tons gross steam tanker, built 1958, LIB flag.

ADDITIONAL INFORMATION

ASTRID, 2691 tons gross steam cargo ship, built 1946, PAN flag. Reported broken up in Greece in 1976.

AZIZBEKOV, 717 tons gross motor cargo ship, built 1951, USR flag. Reported broken up in the U.S.S.R. in 1977.

CHARLES DICK, 2015 tons gross steam cargo ship, built 1922, CAN flag. Reported broken up in Canada in 1976.

KHMERE TRADER, 808 tons gross motor tanker, built 1962, KRS flag. Reported broken up in Singapore in 1977.

KINGFORD, 2712 tons gross steam cargo ship, built 1947, SOM flag. Reported broken up in the People's Republic of China in 1972.

KINGSTHORPE, 303 tons gross motor tanker, built 1956, GBI flag. Reported broken up in the United Kingdom in 1974.

KYRA CHRISTINA, 11949 tons gross motor tanker, built 1957, LIB flag. Reported broken up in Spain in 1976.

MARINE DOW CHEM, 9936 tons gross steam chemical tanker, built 1954, USA flag. Reported converted for use as a non-propelled barge in the United States of America in 1973.

NASUGBU, 5325 tons gross steam tanker, built 1940, PHI flag. Reported broken up in the Philippines in 1976.

NEREUS, 334 tons gross motor cargo ship, built 1947, PTG flag. Reported broken up in Greece in 1976.

RELANCE, 3812 tons gross motor cargo ship, built 1945, USA flag. Reported broken up in the United States of America in 1977.

SILVAMAR, 428 tons gross wooden motor fishing vessel, built 1919, PTG flag. Reported broken up in Portugal in 1977.

ST. GEORGE III, 9755 tons gross motor tanker, built 1954, LIB flag. Reported broken up in the Province of Taiwan in 1975.

TELMANSK, 1090 tons gross motor cargo ship, built 1957, USR flag. Reported broken up in the U.S.S.R. in 1977.

VANDAL, 101 tons gross motor fishing vessel, built 1929, USA flag. Reported broken up in the United States of America in 1977.

ZANESVILLE VICTORY, 7607 tons gross steam cargo ship, built 1945, USA flag. Reported broken up in the United States of America in 1976.

INDEX TO SHIPS LISTED IN CASUALTY RETURNS FOR 1978

	Page		Page		Page		Page
A							
A.G.W. VII (T)	56	Andrea	12	Badagry	11	Camporeal (T)	14
Abdou	34	Andreas Boye	51	Baek Yeong No. 110	75	Cape Elizabeth	78
Acacia Wood	70	Andria	7	Baffin Transport	112	Cape Farewell	78
Achilleas	4	Andros Madoline	109	Bahia Honda	75	Cape Greig	57
Activity	105	Andros Patria	102	Baltica	55	Cape San Diego	57
Admiral C.	52	Angarges	112	Banda Career	78	Capetan Christos	57
Admiral Frobisher	77	Ange Schiaffino	77	Bandeirante	51	Capetan Michalis (T)	4
Adriatic Sea (T)	13	Angel	51	Banshu Maru No. 7	31	Capetan Panagis	35
Ady	77	Angy	112	Barbados 3	71	Capisteria	5
Aegis Grace	105	Anna Bakke	77	Barbet	19	Capo Emma (T)	112
Aegis Leader (T)	9	Anna Graebe	4	Batouta	32	Caprinus (T)	35
Aegis President (T)	30	Anna Maria L.	28	Bay Trader	35	Caracara	78
Aegis Unity	56	Anna Maria S	32	Beaufort Sea (T)	13	Cardiff II (T)	55
Aeolos	109	Anna Martini	56	Beaver (T)	35	Cardross	78
Aepos (T)	13	Annamaria G. (T)	13	Bekaa	13	Carl Clausen	19
Aethra	32	Anne	68	Belgulf Glory (T)	64	Caspian Sea (T)	112
Aetolia	56	Annemieke	68	Belgulf Strength (T)	13	Cassiopeia (T)	57
African Glory	32	Antagoras	30	Belinda	35	Castela	7
Agapi	11	Anteo	56	Ben Asdale	72	Cattilya	102
Aghios Nectarios (T)	77	Anthoula	109	Ben Heilem	9	Cavo Frigelos	5
Aghios Nicolaos	102	Aplichau	104	Benalbanach	57	Cavos Staras	14
Agia Irini	28	Apollo 1	68	Bengloe	78	Cedar Star	108
Agios Fanourios VII	77	Apostolos M.	106	Benledi	35	Central Asia	72
Agios Nicolaos	50	Ara (T)	34	Bente	72	Central Master	19
Agnic	32	Araba	50	Benwyvis	13	Chandragupta	83
Agou	56	Arafat	112	Bessy G	52	Chang Won	5
Agrigentum	34	Aragon	13	Bhaita	11	Chantal	52
Ai-Nikolas	71	Aralda (T)	77	Bhambore (T)	35	Char Hang	32
Aigle D'Or (T)	56	Arca (T)	56	Biagino Mattera	112	Chariot (T)	78
Aiko Maru (T)	34	Arcadyra	106	Bianca	112	Charles Dick	35
Aitaka Maru No. 1 (T)	34	Arcamare	7	Biebrza	112	Charles E. Wilson	117
Ajax II	68	Arco Competitor (T)	77	Bielsko	112	Charles L. D.	57
Ajay Sahi	28	Argenfels	13	Birgit Thor	69	Cheer Ocean	35
Akashi Maru No. 8	75	Arianta (T)	34	Birgo	48	Chemical Trader	35
Akatsuki Maru	112	Arion	77	Bisho Maru	57	Chemically No. 6	32
Akatsuki Maru No. 5	56	Aris	34	Bisso	19	Chen Hsing	83
Akianna	105	Aristotelis	34	Bitas	35	Cheng Lung	11
Akritas (T)	34	Armar	56	Blaahav	64	Cherry King (T)	57
Al Dhahran	77	Armonikos	109	Black Builder (T)	14	Chevron Amsterdam (T)	35
Al Mokattam	109	Aro (T) (22670 tons)	77	Blesse	4	Chevron Arnhem (T)	78
Al Turab	13	Aro (284 tons)	28	Blue Med	108	Chi Lee	78
Al-Rehmat	34	Arolla	34	Blyth Adventurer (T)	35	Chian	112
Alacran	31	Arona	30	Bolero	106	Chicago Trader (T)	35
Alamar	52	Aryl	34	Bomari	35	Chidori Maru No. 78	5
Alaska Getty (T)	34	Asa V. Call (T)	56	Bonanza	112	Chief Colocotronis (T)	57
Albisola (T)	77	Asahi Maru No. 2	112	Bonnie	28	Chik Chau	78
Albiz	104	Asahi Maru No. 21	106	Bonny (T)	71	Chikugo	57
Alcaid (T)	77	Asahifuji Maru	9	Boon Island	64 & 83	Chios	106
Alchemist Ernden	9	Asaka Maru No. 11	112	Bordighera (T)	35	Chios Flag	57
Alco Buenos Aires	28	Asia Lake	75	Borlian No. 1	55	Chita 2	5
Alcyon	70	Asia Maru (T)	35	Borwi (T)	57	Chitose Maru	112
Aldebaran	75	Asmari	19	Boston Typhoon	30	Chitose Maru No. 10 (T)	78
Aleut	19	Aspasia	35	Bouboulina	9	Choei Maru No. 3	5
Alexandros (T)	77	Astraea (T)	35	Boze Maru No. 8	35	Chosei Maru No. 3	35
Algbay	72	Astree	78	Bradeverett	78	Chosei Maru No. 8	57
Alhada	75	Astrid	117	Bramora (T)	57	Choun Maru	57
Ali Reis V	72	Astro (T)	56	Breitenburg	53	Choyu Maru	112
Alicia 1	72	Astro Orion (T)	35	Brest	19	Choyu Maru No. 5	100
Almak (T)	105	Astron	106	Bristol	102	Chrissi (T)	8
Almar II	56	Athelviscount (T)	78	British Venture (T)	35	Christiana R	51
Almirante M. Vierna (T)	13	Athen Progress	13	Buena Esperanza	78	Christine (T)	57
Alpa	34	Athenian Victory II (T)	32	Bugoyfisk	9	Christos Bitas (T)	73
Alsharkiah (T)	56	Atlantic Challenger (T)	57	Buguma (T)	14	Chrysanthy (T)	19
Alstern	68	Atlantic Maru	35	Bunsho Maru No. 1 (T)	57	Chrysopigi II	30
Altanin (T)	77	Atlantico	51	Burl S. Watson (T)	14	Chun Myung	19
Altona	105	Atrytone	55	Burmah Beryl (T)	57	Chungking Victory	14
Aluco (T)	13	Attica (T)	13	Burmah Garnet	35	Church Bay	11
Alwady	13	Attiki	32			Cielo Blanco	72
Ama Antonita	31	Atys (T)	57	C			
Ambola Awwal	52	Auckland Star	57	C. F. Kayser	35	Cipriani	9
Aminona (T)	32	Audacity	13	Cabo Tamar (T)	53	Ciudad de Ibiza	78
Amoco Cadiz (T)	9	Augsburg	78	Cacique Catriel	32	Class	29
Amoco New York	112	Axina (T)	35	Cala Ras	72	Claveria Clipper	69
Amorgos	13	Azizbekov	117	Callao	78	Climax Garnet	14
An Hwa	75			Calypso Trader	48	Coastal Emperor	106
An Yung	106			Cammello	19	Collo	72
Anadara (T)	34	B		Campeche	19	Comodoro Rivadavia	31
Anakriya	19	Baalbeck	108	Campeon (T)	14	Compass Rose II	109
Andora	13	Baaring Vig	100	Campit	57	Concord Apollo	57
		Bacho Kiro	102	Campomarino (T)	14	Congar	112
						Conqueror	35
						Consuelo	29

INDEX TO SHIPS LISTED IN CASUALTY RETURNS FOR 1978—continued

	Page		Page		Page		Page
Coral	48	Duende	5	Eumaeus	14	Fulvia	78
Coral Sea (T)	14	Dyvi Nova (T)	58	Eurabia Friendship	112	Funadama Maru (T)	58
Coralba	78			Eurabia Sea	7	Fusheng	9
Coramont	52	E		European Independence	109	Fuyo Maru (195 tons)	55
Cordi	78			Eurostar	112	Fuyo Maru (167 tons)	58
Cosmic (30332 tons)	57	Early Bird	72	Eva Maria	7	G	
Cosmic (1598 tons)	78	Eastern Enterprise	14	Eva Witte	11	Gabon Star	78
Cosmonaftis (T)	78	Eastern Matsui	35	Evandros	78	Gaby	73
Costa Americana	57	Eastern Mercury	78	Evangelista Torricelli	11	Gagoma	48
Costa de Cuba	75	Eastern Saturn	5	Evangelos (T)	58	Gaines Mill (T)	75
Costathina	53	Ebisu Maru No. 21	14	Evelpidis Era	5	Galaxy (T)	78
Crisis (T)	78	Eburi Maru (T)	58	Ever Grace	112	Galicia	36
Crow	69	Edward Cruse	14	Evgenia	14	Gamov	113
Cubits Gap	57	Efealp	41	Evgenia I	11	Garden Mars	78
D		Efthycosta I	112	Evoikos	29	Garden Saturn	58
Dae Wang No. 203	5	Efxinos	35	Evros (T)	75	Gary Roberts	36
Dai Ho No. 8	53	Eiho Maru No. 72	112	F		Gatchina	36
Daian Maru No. 128	112	Eiko Maru (T)	58	F. Shermbrucker	36	Gateway City	78
Daiei Maru (T)		Eiko Maru No. 3	112	Fairway	106	Gavilan	113
(28985 tons)	14	Eikyu Maru No. 58	112	Faneromeni	78	Gay Head	14
Daiei Maru (198 tons)	14	Eileen	29	Farhana	105	Gayta	55
Daiei Maru No. 1 (T)	14	Eiryu Maru	31	Fast Bird II	51	Geinan Maru No. 1	79
Daiei Maru No. 2	29	Eishin Maru	112	Fast Breeze	53	Geiyo Maru No. 13	36
Daiei Maru No. 28	31	Eishin Maru No. 2	11	Feang	5	Geiyo Maru No. 16	113
Daifuku Maru No. 8	112	Eishin Maru No. 3	14	Femke	104	General Maru No. 7	113
Daikichi Maru No. 25 (T)	5	Eishin Maru No. 5	5	Feng Yu No. 1	69	General Sikorski	36
Daikichi Maru No. 31	57	Eishin Maru No. 38	36	Feoso Sun (T)	71	Genpuku Maru No. 76	58
Daikichi Maru No. 53	57	Eishin Maru No. 50	36	Feraios	78	Genyo Maru No. 5 (T)	58
Dairyo Maru No. 7	35	Eisho Maru No. 18 (T)	58	Fernanda	75	George Champion (T)	79
Dairyo Maru (T)	78	Eisho Maru No. 36	14	Festivity	14	George Dewey	64
Daisen Maru (T)	57	Eito Maru	58	Ffm Vassijaure (T)	14	George E. Seedhouse	117
Daishin Maru No. 2	57	Eitoku Maru No. 3	58	Filia	20	Georgia	14
Daishin Maru No. 15	31	Eiwa Maru No. 10	112	Fina Scandinavie (T)	58	Georgios	109
Daisho Maru No. 2	112	Eizan Maru No. 8 (T)	58	Five Fields	112	Georgios G.	106
Daiten Maru	14	Eka Djaya	48	Five Oceans	109	Gerard	83
Daito Maru No. 88	35	Ekaterini	20	Flores Career	112	Giada	75
Daitoku Maru	57	El Hag Abdalla	106	Florita	36	Giant Navigator	69
Daiwa Maru (T)	57	El Inca	58	Foca II	31	Gilone	79
Daiyu Maru	57	Elba Ferry	9	Foglaro	14	Ginga Maru	20
Daiyu Maru No. 58	112	Elbe	5	Foochow	83	Gionata	49
Daler	31	Electra E (T)	20	Ford	36	Gipsy	36
Damayanti	5	Eleftheria Niki	112	Fortune Enterprise	14	Giraglia	113
Dana Sue	100	Eleftherios	14	Fortune Pioneer	20	Gjertrud Bakke	79
Danaos (4672 tons)	78	Eleni V (T)	31	Fotini	36	Glacier King	100
Danaos (4595 tons)	72	Eleonara Onorato	112	Fourseas Venture	55	Glacier Queen	69
Dapo Sky	102	Eleonore I	112	Foyle Enterprise	78	Glenisla	20
Darwin	9	Elias K.	75	Frances	14	Global Exporter	31
Dauntless	35	Elinela	36	Francis Samuelson	83	Global Hope (T)	9
Dawn	35	Elizabethport	14	Freddie 1	58	Global Prince	14
Dayaka Tiga	55	Elly Ann	78	Freedom (T)	78	Glory	15
Decimum	69	Elpis I	106	Frieden	58	Glory 11	103
Deepwater Bay (T)	35	Elqui	58	Friendship Beginning	29	God Pioneer No. 1	69
Defiant	32	Elsie	29	Frigo Giulia	53	Goelo	51
Delese (T)	78	Emanuela C.	29	Frisia (T)	78	Gogol	20
Delta Sigma Pi	30	Emma Maersk (T)	36	Frotanorte	52	Goko Maru	15
Derby	35	Enfield	11	Fu Ming	20	Golar Borg	69
Desire	29	Eniwa Maru	58	Fuji Maru (1132 tons)	58	Golden Arrow (T)	58
Despina	5	Entre Rios	36	Fuji Maru (177 tons)	14	Golden City	36
Diamond Fruit	7	Eolo	41	Fujisan Maru No. 17	58	Golden Eagle (T)	58
Dianna	57	Epic	69	Fujishima Maru (T)	36	Golden Falcon	36
Dignity	51	Epico (T)	36	Fujitaka Maru No. 3	14	Golden Hero	113
Dimitrios	73	Epos	83	Fuki Maru	58	Golden Land	36
Dimitrios M.	5	Erik Jors	69	Fukucho Maru No. 11	58	Golden Seagull	106
Dimos Halcoussis	57	Esperos	36	Fukui Maru No. 1	58	Golden Tiger	79
Dnepr	20	Esperos III	112	Fukui Maru No. 8	14	Golden Victory	29
Dolabella (T)	14	Espresso Marilen	72	Fukuju Maru (T)	58	Gomba Enterprise	113
Dolphin (T)	57	Esso Alsace (T)	36	Fukuju Maru No. 2	113	Good Fortune 1	53
Dominion Trader	102	Esso Aruba (T)	78	Fukushima Maru	29	Good Harvest	73
Don Carlos	11	Esso Berlin (T)	112	Fukutoku Maru No. 3	58	Good Venture	55
Don Carlos Gothong	100	Esso Boca Grande (T)	58	Fukutoku Maru No. 8	5	Gouri Shankar	15
Don Francisco	32	Esso Bourgogne (T)	14	Fukuyoshi Maru No. 8		Grace	105
Don Lucio	11	Esso Campana (T)	58	(259 tons)	58	Grace Bonny	29
Don Quixote	35	Esso Essen (T)	36	Fukuyoshi Maru No. 8		Grace Venture	113
Dona Youla (T)	57	Esso Ghent (T)	58	(199 tons)	31	Grain Monarch (T)	20
Dong Hai Ho	41	Esso Koln (T)	58	Fukuyoshi Maru		Grampian Castle	106
Dong Won No. 35	7	Esso Margarita (T)	20	No. 25 (T)	14	Grampian Glen	69
Dong Won No. 505	109	Esso New Haven (T)	36	Fukuyoshi Maru No. 28		Granada	15
Dorian	35	Esso Panama (T)	58	(499 tons)	14	Grand Alliance (T)	20
Dorotheos T	5	Esso Uruguay (T)	58	Fukuyoshi Maru No. 28		Grand Trust	15
		Estel (T)	36	(349 tons)	58	Grand Unity	58
		Esther S.	104				

INDEX TO SHIPS LISTED IN CASUALTY RETURNS FOR 1978—continued

	Page		Page		Page		Page
Grand West (T)	15	Hokuto Maru No. 3	113	Joseph L. Meek	64	King David	
Granton Falcon	20	Hokuto Maru No. 33	113	Juan Bautista (T)	75	King Dragon I	41
Graziellina	59	Hokuto Maru No. 58	106	Jukyu Maru	59	King Orry	6
Great Fort	59	Holmar I	6	Julia	15	King Peleus (T)	79
Great Peace	36	Holmur	9	Junei Maru	15	King Therus (T)	37
Great Victory	15	Holstensand	8	Junei Maru No. 1	59	Kingford	37
Great Welfare	15	Holy Cross	37	Jung Tai No. 1	69	Kingsthorpe (T)	117
Gronoy	55	Holy Trinity	37	Jupiter V	79	Kinkai Maru No. 5 (T)	117
Gulf Linden	79	Hongkong Beauty 1	15			Kinko Maru	59
Gulf Orient	36	Hongkong Surety	55	K		Kinoene Maru No. 3	114
Gulf Success	15	Hongkong Truth	37	Kaian Maru No. 8	79	Kinriki Maru No. 6	114
Gulf Trader	36	Horizonte IV	49	Kaifuku Maru No. 18	69	Kinryu Maru	15
Gulf Voyager	36	Hornero	59	Kaijin Maru No. 5	59	Kinsho Maru	59
Gustav	55	Hornrdar Marine	6	Kaijo Maru No. 1	59	Kinsho Maru No. 18	79
Gwenola (T)	36	Horyo Maru No. 36	113	Kaiju Maru No. 3	59	Kinsman Voyager	37
H		Hosei Maru No. 5 (T)	59	Kaiko Maru No. 1	59	Kintsuna Maru No. 2	59
Hachiko Maru	36	Hoshin Maru No. 22	72	Kaiko Maru No. 2	37	Kinyo Maru No. 1	114
Hachiryu Maru No. 31	36	Hosho Maru	37	Kaisei Maru No. 55	113	Kirvik	114
Hagane Maru	36	Hosho Maru No. 1	113	Kaiun Maru	79	Kis Ole	101
Hagiura Maru	32	Hoso Maru (T)	15	Kaiun Maru No. 5	49	Kitakami	101
Hai Fei	36	Hoyo Maru (499 tons)	79	Kaiyo Maru No. 1	32	Kiyu Maru No. 3	59
Hai Kwang (T)	36	Hoyo Maru (192 tons)	15	Kaiyo Maru No. 13	33	Knut Hansen	114
Hai Sheong	36	Hoyo Maru (167 tons)	59	Kakuho Maru	113	Koan Maru No. 11 (T)	49
Hai Tien No. 3	29	Hoyo Maru No. 8	59	Kakuryo Maru (T)	113	Koei Maru No. 15	15
Hakko Maru No. 2	59	Humanity Ace	6	Kalais	106	Koei Maru No. 17	59
Hakko Maru No. 57	113	I		Kalemyo	113	Koei Maru No. 21	15
Hakodate Maru	79	Ichikawa Maru	113	Kalimantan Hayu I	32	Kofuku Maru No. 3	107
Hakuryu Maru	31	Idan (T)	50	Kamchatka	20	Kohan Maru No. 3	15
Hakuyo Maru (T)	15	Ilok	104	Kanaya Maru	37	Koho Maru No. 18	59
Halcyon Isle (T)	20	Industries III	109	Kaneyoshi Maru No. 6	113	Koku Maru No. 18	32
Halifax (T)	59	Ingul	83	Kangaroo	11	Koju Maru (T)	15
Hanei Maru No. 3	113	Insular de Cebu	106	Kanko Maru No. 5	59	Kokand (T)	64
Hanei Maru No. 8 (T)	59	Intellect	75	Kannon Maru No. 6	113	Koki Maru No. 1	114
Happy	36	Inverness	20	Kansai Maru No. 2	59	Kol-166	72
Harlaw Plain	20	Inzhener Nechiporenko	9	Kapetanos	7	Kol-175	109
Harold H. Helm (T)	36	Ioannis R	49	Kapitan Smirnov	20	Kolomna	114
Harry L. Allen	7	Iolcos (T)	37	Kaptan Ismail Hakki	101	Komatsu Maru	114
Harvest Eume	79	Irenes Banner	7	Karato Maru	113	Koning Albert	79
Harvest Jupiter	79	Irenes Hope	69	Kariba	109	Konpira Maru No. 2	
Harvest Mercury	79	Iron Dampier	37	Karingo	59	(198 tons)	37
Hatsue Maru No. 55	71	Iron Flinders	37	Karolos	109	Konpira Maru No. 2	
Hawaiian Sun (T)	75	Irwin Dux	109	Karyatis	72	(197 tons)	59
Hawarden Bridge	108	Isabel Z (T)	37	Kashima Maru No. 15	59	Konpira Maru No. 12	114
Hawthorne Enterprise	69	Isabelita	32	Kasuga Maru No. 11	59	Koojarra	15
Heian Maru No. 8	59	Ise Maru No. 8	79	Katerina	107	Kopionella	114
Heiun Maru No. 35	36	Isla de Menorca	8	Katia	79	Kosei Maru (751 tons)	107
Heiun Maru No. 51	105	Isola di S. Pietro	83	Kato	113	Kosei Maru (199 tons)	15
Heiwa Maru No. 6	15	Isuzu Maru No. 1	113	Katrina	6	Kosei Maru (199 tons)	6
Hellenic Med	37	Itsuki Maru (T)	37	Katsu Maru No. 1	49	Kosei Maru No. 7	60
Helsing	20	J		Katsu Maru No. 2	114	Koshin Maru (310 tons)	114
Henrietta Frances	49	J. Frank Drake (T)	59	Katsu Maru No. 25	52	Koshin Maru (124 tons)	79
Henriette Bravo	29	J. L. Hanna (T)	15	Katsura Maru No. 5	114	Koshin Maru No. 1	
Hermann-Helene	5	Jagat Padmini	7	Kavo Vrettanos (T)	79	(373 tons)	114
Hexham Bank	103	Jagranda (T)	37	Kavo Yossonas (T)	79	Koshin Maru No. 1	
Hichiyo Maru No. 2	113	Jai Sea Condor	49	Kavostaras	15	(195 tons)	37
Highly No. 6	6	Jan	31	Kazu Maru	59	Koshin Maru No. 2	114
Hillsboro Inlet	15	Japan Jasmin (T)	15	Kazu Maru No. 11	15	Koshin Maru No. 3	
Himawari Maru	71	Java Sea	113	Kefalonia Sky	114	(292 tons)	114
Himma	83	Jayawang	101	Keihan Maru No. 2	114	Koshin Maru No. 3 (T)	
Hinode Maru No. 58	52	Jednosc Robotnicza	113	Keishin Maru	15	(173 tons)	15
Hinrich Behrmann	12	Jeffery Allen	49	Keisho Maru No. 1 (T)	59	Koshu Maru No. 24	60
Hiona	49	Jem	75	Keizan Maru	101	Kosmas M (T)	71
Hirokawa Maru	37	Jesamine	51	Kelletia (T)	15	Kota Dewi	72
Hirota Maru	37	Jessica	37	Kemphaan	30	Kota Makmur	37
Hishashige Maru No. 3	15	Jim B	53	Keningau	59	Kota Murni	37
Hoei Maru	37	Jinei Maru No. 18	113	Kensei Maru	114	Kota Sari	37
Hoei Maru No. 3	113	Jinko Maru No. 12	113	Kent	50	Kota Subur	79
Hoei Maru No. 11	113	Jinyu Maru	113	Kenzen Maru (684 tons)	37	Kotobuki Maru No. 25	52
Hoei Maru No. 13	15	Jisho Maru	59	Kenzen Maru (364 tons)	15	Kotoku Maru No. 15 (T)	60
(197 tons)		Jissho Maru	37	Kermia (T)	59	Kotoku Maru No. 20	60
Hoei Maru No. 13 (T)	59	Joanna	15	Keum Shin No. 7	75	Kotronas Sky	37
(196 tons)		Joint Freezer	50	Key West	69	Kouang Si	37
Hoei Maru No. 15	113	Joint Venture	103	Khmere Trader (T)	117	Koun Maru	37
Hoei Maru No. 55	113	Jolly Azzurro	51	Kian Fa No. 7	12	Kountouriotis (T)	51
Hokkai Maru No. 58	105	Jon Agust	7	Kichijyo Maru No. 1	15	Kozan Maru No. 2	114
Hokko Maru No. 6	113	Jonathan P. Dolliver	64	Kien Hong	59	Krasnovodsk (T)	60
Hokusei Maru	113	Jorek Trader (T)	59	Kien Nan	79	Kritti	109
Hokushin Maru (T)	64	Joseph E. Brown	64	Kimon (T)	79	Kritti Sun (T)	75
Hokutetsu Maru No. 58	15			Kimon M.	73	Kronos	8
				Kinei Maru No. 5	114	Kronos 11	103
						Kurenai Maru No. 5 (T)	37
						Kuroshio Maru No. 35	64

INDEX TO SHIPS LISTED IN CASUALTY RETURNS FOR 1978—continued

	Page		Page		Page		Page
Kuzuryu	15	Maldive Explorer	60	Mississippi	60	Nissen Maru No. 3	32
Kylix	110	Mamma	20	Mitra (T)	79	Nisshin Maru No. 5 (T)	61
Kyama (T)	37	Mandarin	16	Mitsu Maru No. 30	60	Nisshin Maru No. 11	114
Kyo Maru No. 10	16	Manola Toro	8	Miya Maru No. 3 (T)	38	Nisshin Maru No. 12	80
Kyo Maru No. 11	16	Mar del Plata	12	Miyoshi Maru No. 8	114	Nisshin Maru No. 13	61
Kyoei Maru (T)	60	Mar Doce	101	Mizar	12	Nissos Rodos	30
Kyoei Maru No. 2	60	Mara (T)	103	Mobil Daylight (T)	38	Nitto Maru No. 71	38
Kyoei Maru No. 6 (T)	37	Marbel	8	Mobil Exporter	60	No. 1 Ryong Ma	53
Kyokai Maru No. 8 (T)	60	Marco Polo	79	Mobil Transporter	60	Nordic Regent	38
Kyokuyo Maru No. 3	16	Marcona Pioneer	79	Mogami	114	Nordlore	103
Kyokuyo Maru No. 18	60	Margaret L	8	Mogami Maru No. 8	38	Noriei Maru No. 2	115
Kyokuyu Maru (T)	37	Margaret Smith	101	Mohammedi	60	Noriyoshi Maru	61
Kyoritsu Maru	114	Mari	103	Monarch	11	Norma	38
Kyoseki Maru No. 1	8	Maria	60	Monsoon	20	Normannia	80
Kyoshin Maru (T)	60	Maria Christina	38	Monte Berico (T)	79	Norsand	73
Kyotoku Maru No. 7	16	Maria Costanza	73	Montecelo	8	Norseman	32
Kyotoku Maru No. 27	32	Maria Dormio	6	Moorgate King (T)	60	Nortemar	16
Kyowa Maru	102	Maria I (T)	79	Morro I	12	North Lord (T)	38
Kyowa Maru No. 2	16	Maria Theresa (T)	10	Mount Athos	60	Northorn Joy (T)	80
Kyra Christina (T)	117	Maricarmen	75	Mrs. Sippi	60	Nostos Athene	61
Kyra Eleni	10	Marigo T	109	Munchen	70	Nynes	70
Kyravathia	37	Marilena	64	Mundsburg	6		
Kyuhu Maru	37	Marina K.	30	Murasaki Maru No. 5	16		
		Marine Dow Chem	117	Muzerah	53	O	
L		Marinero	30	Myoei Maru No. 38	114	Oasa Maru No. 8	115
L.C.T. Pikau	12	Mario	11	Myojin Maru No. 78	103	Obhor	80
Lady KL	64	Marka L	31	Myoriki Maru No. 12	16	Ocean Happiness	11
Lady Logos	105	Marlen	6	Mysia (T)	80	Ocean Puller	53
Lady Maria	31	Maroudio	51			Ocean Royal	6
Lake Torrens	114	Martin Fierro	6	N		Ocean Star	101
Lake Transport (T)	79	Marudai Maru No. 2	33	Nachi Maru	114	Ocean Voyager (T)	80
Lamtong Chau	79	Maruyama Maru No. 5	60	Nader	101	Oceanic Amity	16
Lancing (T)	37	Marvella	79	Nagahama Maru No. 8	16	Oceanic Champion (T)	80
Laura Wofsi (T)	20	Mary Livanos (T)	60	Nagano	80	Odissos	20
Lavender	37	Masso 30	70	Nagato Maru No. 2 (T)	80	Ogi Maru	61
Le Condor	30	Mastro Costas	64	Nagato Maru No. 18 (T)	16	Oiken Maru No. 1	61
Le Libertaire	101	Mastura	38	Nahost Jumbo	107	Okino	71
Lenador	32	Mathios	114	Nai Montello	80	Oliver Twist	9
Leo	32	Matina (7540 tons)	38	Nakano Maru No. 13	114	Olivia	61
Leon	79	Matina	103	Nakano Maru No. 15	38	Olympic Champion (T)	80
Leonidas G	38	Matsuei Maru No. 3	38	Nakatane Maru	60	Olympic Runner (T)	61
Les Levy	107	Matsukaze Maru	60	Nam Hae No. 217	107	Olympic Sun (T)	80
Leto	114	No. 2 (T)	60	Nam Hai No. 231	10	Olympos	16
Leyte	32	Matsuo Maru No. 11	114	Naniwa Maru	38	Omiris	103
Lezina (T)	16	Matsuyama Maru	16	Naniwa Maru No. 8	114	Omiya Maru	16
Liberty Bell	29	No. 2 (T)	16	Nankai Maru No. 25	60	Omnium Mariner	16
Lien Chang	79	Matteoemme	107	Napo (T)	60	Omonia (T) (16741 tons)	38
Lily	16	Mauricien	60	Narra	51	Omonia (T) (1137 tons)	105
Lina	109	Medem	12	Nasos	60	Onoda Maru No. 1	61
Linda	16	Meena	20	Nassrin	73	Onoe Maru	80
Linnat	38	Meisei Maru	60	Nassugbu (T)	117	Onyx (T)	16
Lino Mancino	60	Meitoku Maru	114	Nathalie D.	6	Orca	29
Lion City No. VI (T)	55	Memi	41	Navigator	12	Orchid Garden	107
Lisa	10	Menzhinskiy	20	Nazeer	114	Oread	38
Liselotte Essberger (T)	79	Mercury (T)	60	Neda	31	Orhan Zindancioglu II	109
Lobsta 1	101	Mercury Lake	114	Nektarios	32	Oriental Charger	83
Longlin	72	Meropi A.	38	Nemirovich Danchenko	20	Oriental Musician	38
Loon Hsing	69	Merseburg (T)	60	Nepco Dauntless (T)	20	Orietta	115
Lord Willingdon	11	Mesongo	55	Nereus	117	Orochon	20
Lorenzo d'Amico	8	Messinia	60	Nestor II	16	Os	51
Loretta	38	Messiniaki Andrea (T)	60	Nevera	49	Osor	108
Los Angeles	16	Michael	114	New Chance	107	Osuga Maru No. 5	115
LSCO Petroparcel (T)	105	Michael L. (T)	60	New Conquest	80	Oswego Courage (T)	80
Luccia	103	Midnight Moon	70	New Dragon	38	Oswego Glory (T)	61
Lucky Four	38	Mighty Trader	107	New Keelung	38	Oswego Harmony (T)	80
Luk Chau	79	Mignon	6	New River	16	Oswego Independence	61
Lunde Jr.	29	Miho Maru No. 2	16	New Sam Shin	49	Oswego Liberty	80
Lychee Queen	53	Mikasa Maru No. 1	10	New Shin Young	10	Oswego Venture	38
Lykavitos (T)	79	Mikton	16	Ngomei Chau	114	Otowa Maru	38
Lykomedis (T)	38	Milano	49	Nguyen Navigator	38	Otowa Maru No. 8	16
Lylian	60	Milos 11	8	Nichioi Maru No. 3	61	Oyama Maru No. 1	61
		Mimi M (T)	16	Nichiraku Maru	61	Oyang No. 38	72
		Mimo	10 & 75	Nida	114		
M		Mimo 1	75	Nidzica	61	P	
Magali	51	Minerva (6126 tons)	79	Nikkei Maru No. 3	76	Pacific	105
Magdala (T)	38	Minerva (3843 tons)	16	Niko Primo	70	Pacific Conveyor	75
Maira	30	Ming Wisdom	60	Nikolas	109	Pacific Victory	19
Makedonia	103	Minor	105	Nimos	10	Paikon (T)	16
Mako	103	Mironave	75	Nireus	12	Pal	29
Malaysia Success	16	Mishima Maru	60	Nissan Maru (T)	16	Pal Dimitrios	103
		Miss Anne	105				

INDEX TO SHIPS LISTED IN CASUALTY RETURNS FOR 1978—continued

	Page		Page		Page		Page
Palau (T)	61	Presidente Getulio (T)	80	Ryusho Maru No. 5 (T)	61	Shimada Maru No. 3	
Pallas Athene	51	Presidente Oribe (T)	80	Ryuyu Maru No. 3	115	Shimane Maru	17
Palmetta	101	Pride	80	Ryuyu Maru No. 5	6	(9267 tons)	
Panaghia P	38	Primorsk	80			Shimane Maru	17
Panaghia Tinou	61	Prince Charles	17	S		(106 tons)	
Panagia Imbrou	101	Przemsza	117	Saad	51	Shin Hun Mou No. 62	39
Panagiotis L	38	Pstrowski	80	Sabine Pass	17	Shin Tung Yong 18	8
Panagis S.	103	Puerto de Pajares	31	Sable Cape	51	Shin Yang	73
Panaking (T)	80	Puerto Princesa	80	Sachi Maru No. 18	17	Shinano	11
Panay	55	Pylaros	12	Safina Saudia	115	Shinei Maru	39
Pannesj (T)	61	Pyotr Shirshov	115	Safina Star (T)	81	Shinei Maru No. 28	49
Pantazis Caias	115			Saikai Maru	39	Shinko Maru	17
Pantelis A. Lemos	10			Saitobaru	51	Shinko Maru No. 5	39
Pao San	55	Q		Saiwai Maru No. 5	61	Shinko Maru No. 8	115
Papaji	16	Quader	29	Sakura Maru (T)	61	Shinmei Maru No. 28	39
Pari Passu	6	Queen Frederica	64	Sally Maersk	61	Shinotaru Maru	31
Parma	51	Queen Star	71	Saltesea II	12	Shinpo Maru	62
Parnassos	107	Quo Vadis	107	Salvador Primo	21	Shinpo Maru No. 3	17
Parnis (T)	80			Salvalour	17	Shinpuku Maru	115
Pastaza (T)	80	R		Salvanguard	115	Shinsei Maru No. 26	115
Patria	115	R. L. Haynie Jr.	49	Salventure	81	Shintoku Maru No. 8 (T)	101
Patuca	80	Radiant	105	Salvor	81	Shinun Maru No. 3	62
Patwari	115	Ramalbert	10	Salwa M	101	Shinwa Maru	62
Paul L. Tietjen	115	Ramoneverett	17	Sam In No. 3	21	Shinwa Maru No. 2	115
Pavlos V (T)	8	Ramtind	64	Sam Song No. 32	73	Shinyo Maru No. 11	62
Pelion	115	Ranger (T)	61	Samena	64	Shirasagi	115
Pella (T)	64	Raphael Semmes	61	San Jose II	107	Shisaka Maru No. 2 (T)	17
Penelope Demet	75	Rapido	39	San Martin de Porres	55	Shochiku Maru No. 15	62
Pennsylvania (T)	61	Raylight	70	San Pedro	105	Shoei Maru No. 7	17
Penny Conway (T)	38	Razaui	21	Sanai Maru (T)	61	Shofuku Maru No. 5	115
Penteli (T)	61	Rebecca Theriot	55	Sand Key	17	Shofuku Maru No. 28	115
Pentelikon	115	Rebun Maru No. 11	17	Sand Trans	101	Shoho Maru No. 8	62
Penuelas (T)	61	Red Eagle	12	Sandcraft	21	Shoho Maru No. 38	17
Penza (T)	16	Rega	83	Sanei Maru No. 1 (T)	39	Shokaku	39
Pericles	71	Regent Reliance	17	Sanei Maru No. 10	17	Shoken Maru No. 58	39
Perilefki (T)	16	Regent Violet	115	Sanei Maru No. 11	62	Shomei Maru No. 2 (T)	62
Perina	29	Regent Virgo	104	Sang Suria	39	Shoryu Maru (T)	62
Permina		Reifens	17	Sankaty Head	62	Shosei Maru No. 8	62
Samudra VII (T)	38	Reine Fabiola (T)	61	Sanpo Maru No. 21 (T)	17	Shosei Maru No. 15	62
Permina Samudra X (T)	38	Reliance	117	Sanpuku Maru	101	Shoshin Maru (T)	62
Permina Samudra XI (T)	16	Reliant	39	Sansha Maru No. 17	115	Shoshin Maru No. 2	115
Permina Samudra XV (T)	80	Rena K	61	Santa Marina	55	Shoshin Maru No. 60	17
Permina 107 (T)	41	Ridgeway (T)	39	Santa Point	49	Shoshin Maru No. 62	17
Petro Pan (T)	80	Rig Chief	10	Santen Maru	115	Shotoku Maru	17
Petro Sea (T)	16	Righi (T)	80	Santoku Maru	39	Shotoku Maru No. 36	115
Petrola 2 (T)	38	Rio Atuel	17	Santoku Maru No. 1	53	Shotoku Maru No. 78	41
Petrola 3 (T)	17	Rio Santa	80	Santoku Maru No. 10	39	Showa Maru (T)	
Petrola 7 (T)	80	Rio Santiago	76	Sanuki Maru No. 1	41	(24869 tons)	17
Petrola 35 (T)	17	Rita III	110	Sanyo Maru No. 8	62	Showa Maru (T)	
Phaedra E.	38	Rita Maersk	61	Sarbo	10	(245 tons)	17
Phantom (T)	80	Roco	17	Sassan (T)	17	Showa Maru No. 8 (T)	39
Philip S. Niarchos (T)	61	Roger Gasquet (T)	39	Satsuki	115	Showa Maru No. 106 (T)	62
Phillips Kansas	17	Roger Kerdelhue	107	Satsuma	72	Showa Maru No. 108 (T)	17
Phillips New Jersey (T)	80	Rokos V (T)	80	Savick	39	Shoyo Maru No. 15	17
Phillips New York	115	Roland	80	Scheba	39	Siam (T)	21
Phoenix I	49	Romanza	8	Sconset	70	Silvamar	117
Photinia	107	Romney	80	Sea (T)	39	Silver Fir	39
Phutruksa	61	Rosalina	21	Sea Breeze	70	Simfonia (T)	62
Piast	115	Roseline	31	Sea Chemist (T)	17	Simson	101
Pinedale	38	Ross Leonis	80	Sea Concord	81	Sinar Abadi	101
Piraeus II (T)	109	Ross Trafalgar	61	Sea Diamond	10	Sinne Nordfisk	9
Pobyeda	17	Rossellaemme	115	Sea Glory	39	Sir Winston	
Point Arena	38	Rosseverett	115	Sea Pine	71	Churchill (T)	39
Point Judith	80	Rowena	115	Sealift China Sea (T)	8	Sirenella	18
Pointe Marguerite	72	Royal Alaskan	51 & 109	Seaward	52	Sirocco	115
Polarholm	74	Ruben	110	Seeadler	9	Siros Trader (T)	81
Polyqueen (T)	39	Ruby	64	Seiko Maru (697 tons)	39	Sis	81
Ponce	80	Rudawa	61	Seiko Maru (665 tons)	62	Skansen	53
Ponta Negra	12	Rustringen	110	Seiko Maru No. 3	115	Skarbo	39
Pontos Princess	83	Ryoan Maru No. 21	61	Seiko Maru No. 5	17	Skipper Nick	32
Poong Jin	21	Ryoka Maru No. 25	32	Seishin Maru No. 8	62	Slide	110
Popi M.	49	Ryoka Maru (T)	51	Seiso Maru	101	Smit-Lloyd 10	53
Poprad	117	Ryoyo Maru (T)	17	Seiun Maru No. 3	39	Snaefell (2489 tons)	62
Poros (T)	17	Ryuhō Maru No. 15	61	Seiwa Maru	115	Snaefell (165 tons)	62
Port Au Prince (T)	17	Ryujin Maru No. 7	39	Seiyu Maru	62	Socratis	103
Port Joinville	83	Ryuo Maru No. 1	61	Seki Maru No. 16	17	Soho Maru No. 83	115
Port Navalo (T)	10	Ryusho Maru	115	Selis	103	Solana (T)	39
Portia	80	Ryusho Maru No. 1	61	Serifos	39	Soldek	82
Poseidon	8	Ryusho Maru No. 1	115	Sheba	32	Somsuk 1	62
Potomac (T)	61	Ryusho Maru No. 1	17	Shian Fug No. 1	49	Sorte Engel	55
Pountenes (T)	17					Sougerka	110

INDEX TO SHIPS LISTED IN CASUALTY RETURNS FOR 1978—continued

	Page		Page		Page		Page
Soul I (T)	62	Taiwan Phoenix	105	Topsy	50	Vikholm	108
South Star	115	Taiyo Maru	18	Tor Bay	73	Viking	50
Souzaco	31	Taiyo Maru No. 58	18	Torrontero	31	Viking 2	8
Soya	62	Taiyuan	18	Toshin Maru	116	Villia Basse	110
Sparkler (T)	62	Taka	110	Toubkal	108	Vitasea	30
Spartan Leader (T)	64	Takami Maru No. 3 (T)	40	Towa Maru	62	Vivi	19
Speyside	18	Takaosan Maru (T)	62	Toyo Maru No. 8	116	Vlieland (T)	63
Spring	72	Taki Maru No. 5	116	Toyo Maru No. 16	116	Vlyho	51
Spyros (T)	104	Tamames	11	Toyo Maru No. 50	18	Vol	50
St. George III (T)	117	Tamariki Maru		Toyofuji Maru (T)	62	Vori	104
St. James (T)	81	No. 11 (T)	40	Toyoharu Maru	62	Vrinda III	108
St. John III (T)	39	Tamashima Maru No. 3	81	Toyokawa Maru	18	Vtoroi Krabolov	21
St. Luke	32	Tamataka Maru No. 22	62	Toyoshima Maru	116		
St. Michael	73	Tamayoshi Maru No. 5	18	Trade Star (T)	81	W	
Star K	105	Tannico	21	Trans Sapphire	73	W. A. Webber (T)	21
Starraker	105	Tarik	107	Trinity Challenger (T)	40	W. D. Waterway	40
Starter	49	Tarpon River (T)	40	Trinity Mariner (T)	40	W.D. 54	21
Startpoint	31	Tarseus 111 (T)	81	Tristania	12	Wacosta	19
Staunch	81	Tassos V. (T)	18	Triton (994 tons)	50	Waddensee	73 & 108
Stefanos S.	107	Tatlee	53	Triton (494 tons)	70	Wahyuni	70
Stelios M	39	Tatsumi Maru No. 11	40	Tropic Haven	62	Walter	52
Stelios Matsas	55	Tatsuyoshi Maru No. 12	40	Trudolyubivyy	117	Wan Fu	76
Stella Maru No. 2	49	Tatvan	101	Trust I	54	Wan Lee	40
Stella Star	81	Tea	81	Trygve Larsen	40	Warrior	19
Stinger	55	Team Pollux (T)	52	Tsubaki Maru	18	Wati	6
Stonefield Lady	50	Teesfield (T)	40	Tsubame Maru	116	Weather Reporter	19
Stratford Point	18	Teijin Maru	81	Tsui Yung	81	Weilee	116
Strathdon	21	Telamon	18	Tsukiyoshi Maru	40	Welna	40
Strathleven	18	Telmansk	117	Tsuruhiro Maru	63	Western Fisher	29
Strathloyal	18	Temo	102	Tsuruhiro Maru No. 8	116	Widawa	40
Strathnewton	18	Templar (T)	40	Tsushima Maru	18	Wieczorek	63
Strength	39	Tenei Maru No. 35	52	Tulcea	21	Wierzyca	63
Suei Maru No. 11	62	Tenjin Maru No. 3	40	Tysmienica	63	William J. Filbert	41
Sumatra	75	Tenorga	70	Tzimanis	104	William J. McKell	63
Sumi Maru No. 12	72	Tensha Maru No. 12	116			William M. Allen (T)	40
Sumiei Maru No. 8	18	Tenyo Maru No. 1	116	U		William Spearing (T)	63
Sumiei Maru No. 12	39	Tenyu Maru (T)	62	Uaddan (T)	21	William Wilberforce	63
Sumiei Maru No. 16	55	Tenyu Maru No. 12	40	Ucka	10	Willowbranch (T)	63
Sumiei Maru No. 18	18	Tenyu Maru No. 72	116	Uglich	83	Wing On	29
Sumiei Maru No. 23	18	Tercio San Miguel	10	Ukigame Maru No. 3	32	Witlander (T)	63
Sumihisa Maru	18	Terpandros	81	Unai	108	Woo Jung No. 11	71
Sumiho Maru No. 3	18	Terranova	62	Union Alaska	81	Woo Yang	104
Sumiyoshi Maru	10	Terusan Jaya	76	Union Arabia	18	World Banner (T)	40
Sumiyoshi Maru No. 6	62	Tetsuun Maru No. 11	116	Union Defender	116	World Faith (T)	40
Sumiyoshi Maru No. 11	18	Texaco Colombia (T)	81	Union Fair	104	World Friendship (T)	81
Summerlee	81	Texaco Maracaibo (T)	81	Union Glory	40		
Sun Flower	104	Texaco Pembroke (T)	40	Union Leader	81	X	
Sunlight No. 21	53	Texaco Westminster (T)	81	Uniona	18	Xeny	110
Sunza	39	Texas Getty	116	United Carrier	63		
Susan Maersk	81	The Philippine Tourist	83	United Exporter	18	Y	
Susan-Julia	12	Theodoros C. (T)	81	United Fortune	18	Yaegawa Maru	116
Suzu Maru No. 7	50	Theogennitor (T)	81	United Fountain	40	Yaegawa Maru No. 3	116
Sweet Ride	53	Theonika	54	United Pioneer	40	Yahata Maru No. 1	40
Synaftilia	51	Theonymphos (T)	18	United Trust	40	Yahata Maru No. 31	116
Synassos (T)	39	Theopaes (T)	52	Universal Lily	18	Yang-Tse	40
		Thera	18	Universe Commander (T)	81	Yashimasan Maru	40
T		Theraios	81	Universe Daphne (T)	81	Yasuei Maru No. 3	116
Tah Hung Fah No. 1	70	Thilda (9568 tons)	40	Uno Maru	63	Yawatasan Maru	116
Tai Yang No. 103	10	Thilda	75	Uranus 11	104	Yellowstone	32
Taian Maru	116	Thisbe	110	Uto Maru	116	Yoshi Maru No. 55	52
Taihei Maru (384 tons)	62	Thorhild (T)	81			Yoshinaka Maru	
Taihei Maru	116	Tien Pao	50	V		No. 18 (T)	63
Taiheizan Maru	52	Tiran	12	Vaagen	54	Yoshino Maru	116
Taiho Maru (471 tons)	83	Toa Maru No. 11 (T)	40	Vall Comet	40	Young Duck	31
Taiho Maru (288 tons)	81	Tofuku Maru	116	Van Camp No. 1	76	Yuwa Maru	51
Taiho Maru No. 2	116	Toho Maru No. 12	116	Vanda	63		
Taiho Maru No. 3	70	Toko Maru	116	Vandal	117	Z	
Taiko Maru (T)	39	Tokuju Maru No. 8	18	Varia	10	Zanesville Victory	117
Taiko Maru No. 7 (T)	39	Tokuju Maru No. 2	18	Vasilissa Freidriki	64	Zapata	104
Tailungshan	39	Tokuun Maru	116	Vassilis Pateras	108	Zeehaan	29
Taira Maru (T)	62	Tolmidis	11	Vekha	40	Zenei Maru No. 22	19
Tairei Maru	50	Tom Hawa	116	Velda	19	Zenzo Maru No. 27	19
Taisei Maru No. 1	62	Tomi Maru No. 51	62	Velsk	40	Zinnia	102
Taisei Maru No. 2	18	Tomi Maru No. 63	18	Venture (T)	21	Zorina	81
Taisei Maru No. 3	40	Tonan Maru No. 2	18	Venus Argosy	19	Zoya (T)	19
Taisei Maru No. 11	40	Tonan Maru No. 11	73	Vetor Primo	104	Zubedi III	12
Taisei Maru No. 18	40	Tone	116	Victoria	76	Zuiho Maru No. 21	32
Taishin Maru No. 8	116	Tong Hock	18	Victorious		Zuiun Maru (T)	63
Taishin Maru No. 12	32	Tong Hwa	18	Colocotronis (T)	81		
Taiwa Maru	116	Tong Joo	107	Victory Queen	19	242B	55
		Tonna	50				